

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119248.D
 Acq On : 6 Mar 2020 9:42
 Operator : CG/JU
 Sample : L1721-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:55:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143685	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	557288	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	291732	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	481896	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	277199	20.00	ng	-0.02
87) Perylene-d12	15.31	264	326099	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	933833	108.61	ng	0.00
7) Phenol-d6	6.39	99	1043369	99.78	ng	-0.02
23) Nitrobenzene-d5	7.29	82	801556	75.94	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	398409	104.40	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1575232	79.55	ng	-0.02
79) Terphenyl-d14	12.82	244	1377813	85.58	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	128809	33.649	ng	# 80
3) Pyridine	3.39	79	176729	16.905	ng	96
4) n-Nitrosodimethylamine	3.22	42	125849	39.738	ng	95
6) Aniline	6.40	93	129477	10.035	ng	# 1
8) 2-Chlorophenol	6.52	128	398455	42.943	ng	99
9) Benzaldehyde	6.28	77	252872	36.196	ng	100
10) Phenol	6.40	94	402125	35.569	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	371595	42.958	ng	99
12) 1,3-Dichlorobenzene	6.67	146	411350	36.988	ng	100
13) 1,4-Dichlorobenzene	6.74	146	423889	38.090	ng	99
14) 1,2-Dichlorobenzene	6.90	146	389706	38.397	ng	99
15) Benzyl Alcohol	6.88	79	334118	44.211	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	285211	38.062	ng	# 32
17) 2-Methylphenol	7.00	107	309033	41.080	ng	# 92
18) Hexachloroethane	7.23	117	147880	37.142	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	270667	44.422	ng	98
20) 3+4-Methylphenols	7.16	107	433343	47.019	ng	# 85
22) Acetophenone	7.14	105	543245	42.131	ng	# 95
24) Nitrobenzene	7.31	77	410547	39.334	ng	98
25) Isophorone	7.55	82	736635	40.187	ng	99
26) 2-Nitrophenol	7.63	139	220136	39.805	ng	99
27) 2,4-Dimethylphenol	7.67	122	334740	44.599	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	450953	37.796	ng	99
29) 2,4-Dichlorophenol	7.88	162	343438	38.868	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	377122	35.998	ng	99
31) Naphthalene	8.03	128	1117740	38.674	ng	99
32) Benzoic acid	7.85	122	204252	38.785	ng	98
33) 4-Chloroaniline	8.09	127	84703	6.814	ng	98
34) Hexachlorobutadiene	8.15	225	227822	34.912	ng	99
35) Caprolactam	8.47	113	79932	29.379	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	359456	40.197	ng	96
37) 2-Methylnaphthalene	8.72	142	772947	39.740	ng	99
38) 1-Methylnaphthalene	8.82	142	720103	39.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	378906	38.522	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119248.D
 Acq On : 6 Mar 2020 9:42
 Operator : CG/JU
 Sample : L1721-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:55:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	79322	28.948	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	247480	39.843	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	249735	38.315	ng	98
46) 1,1'-Biphenyl	9.19	154	928641	39.386	ng	97
47) 2-Chloronaphthalene	9.21	162	728281	38.330	ng	98
48) 2-Nitroaniline	9.32	65	210071	39.640	ng	99
49) Acenaphthylene	9.62	152	1101102	40.125	ng	99
50) Dimethylphthalate	9.49	163	988215	44.298	ng	100
51) 2,6-Dinitrotoluene	9.56	165	200194	40.392	ng	92
52) Acenaphthene	9.79	154	651878	39.395	ng	99
53) 3-Nitroaniline	9.73	138	65089	11.846	ng	99
54) 2,4-Dinitrophenol	9.85	184	107476	47.924	ng	96
55) Dibenzofuran	9.97	168	966966	39.151	ng	99
56) 4-Nitrophenol	9.92	139	150313	45.532	ng	98
57) 2,4-Dinitrotoluene	9.97	165	248323	38.654	ng	98
58) Fluorene	10.31	166	776608	40.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	209396	38.073	ng	99
60) Diethylphthalate	10.19	149	864797	41.136	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	405814	39.948	ng	99
62) 4-Nitroaniline	10.35	138	145864	25.947	ng	96
63) Azobenzene	10.46	77	740034	40.498	ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	92600	31.756	ng	99
66) n-Nitrosodiphenylamine	10.42	169	703612	44.592	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	258221	40.994	ng	96
68) Hexachlorobenzene	10.86	284	283158	38.990	ng	99
69) Atrazine	10.95	200	219602	39.833	ng	98
70) Pentachlorophenol	11.06	266	214245	73.234	ng	97
71) Phenanthrene	11.27	178	1060550	40.355	ng	98
72) Anthracene	11.32	178	1086141	41.364	ng	99
73) Carbazole	11.48	167	916893	39.195	ng	98
74) Di-n-butylphthalate	11.80	149	1218427	43.010	ng	99
75) Fluoranthene	12.46	202	948129	33.988	ng	99
77) Benzidine	12.57	184	258533	22.933	ng	100
78) Pyrene	12.69	202	922861	41.461	ng	98
80) Butylbenzylphthalate	13.29	149	400512	42.753	ng	95
81) Benzo(a)anthracene	13.87	228	788140	41.728	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	218289	29.764	ng	97
83) Chrysene	13.91	228	750986	39.904	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	535113	45.214	ng	99
85) Di-n-octyl phthalate	14.46	149	865485	45.897	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	864037	47.416	ng	100
88) Benzo(b)fluoranthene	14.90	252	836239	38.904	ng	98
89) Benzo(k)fluoranthene	14.93	252	806793	40.503	ng	98
90) Benzo(a)pyrene	15.25	252	753987	38.866	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	743410	43.552	ng	99
92) Benzo(g,h,i)perylene	17.13	276	684638	40.594	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

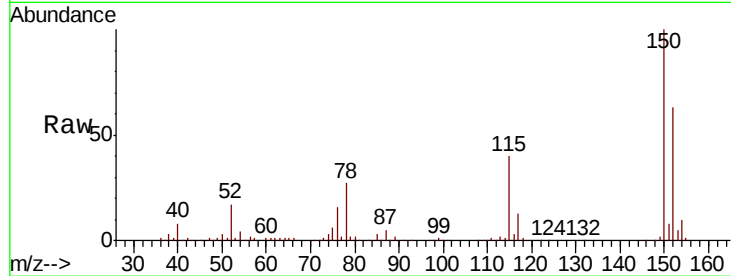


#1

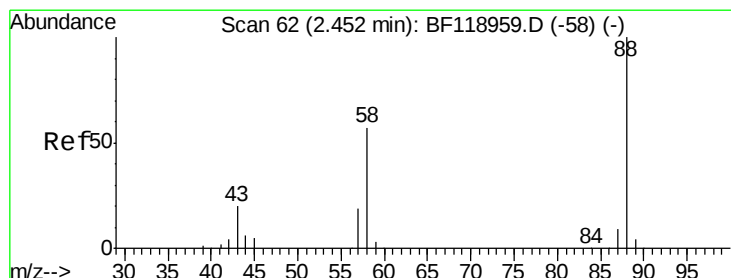
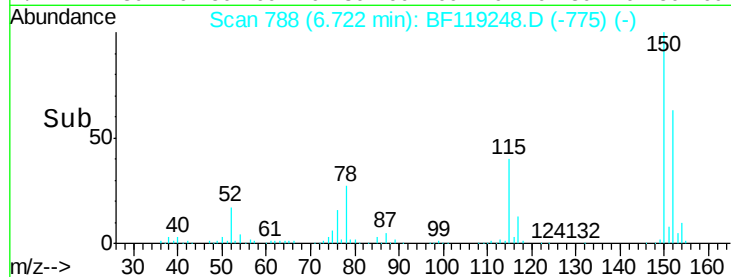
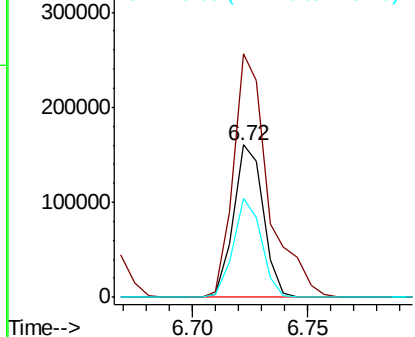
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143685
Ion Ratio Lower Upper
152 100
150 160.0 123.0 184.6
115 64.8 49.5 74.3



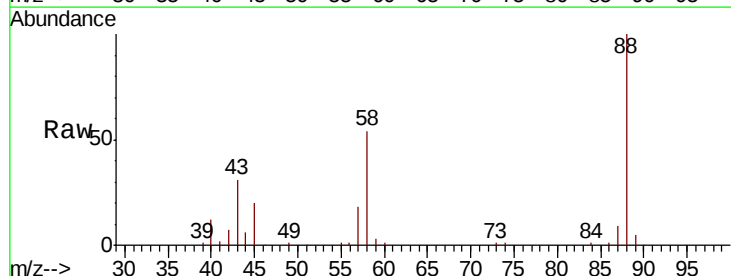
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



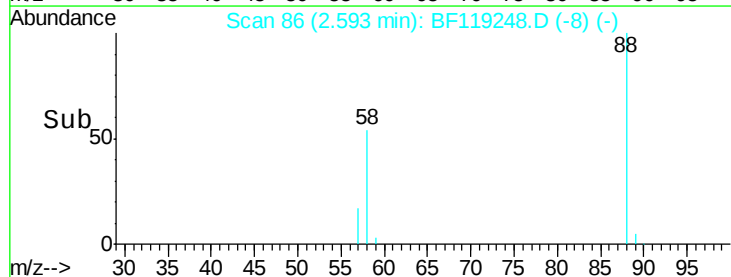
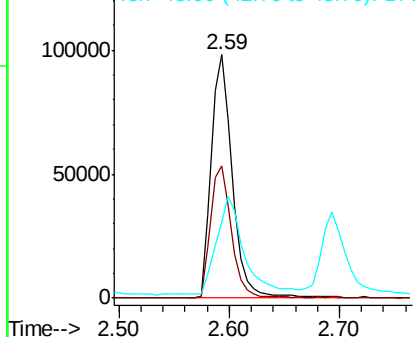
#2

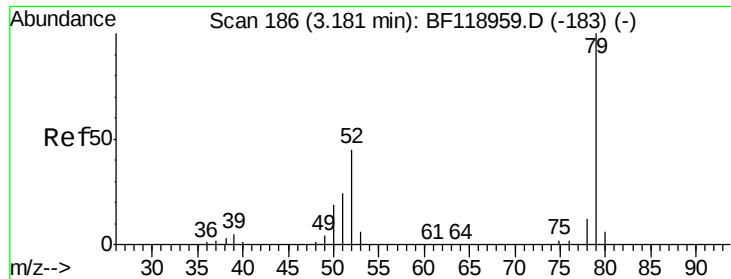
1,4-Dioxane
Concen: 33.649 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.16 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion: 88 Resp: 128809
Ion Ratio Lower Upper
88 100
58 53.6 43.8 65.6
43 53.2 16.2 24.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

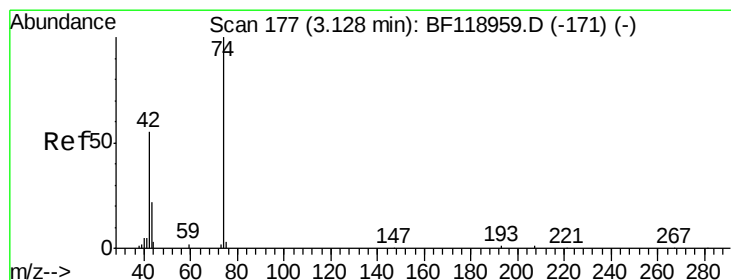
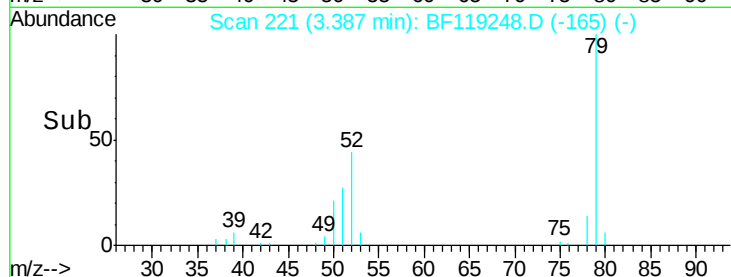
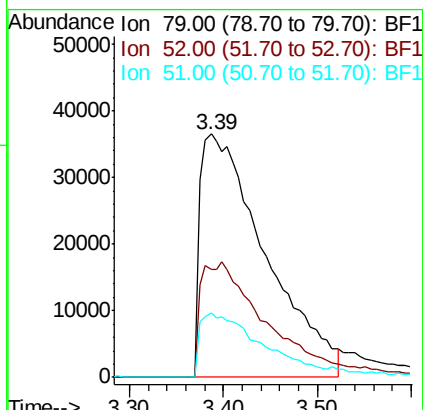
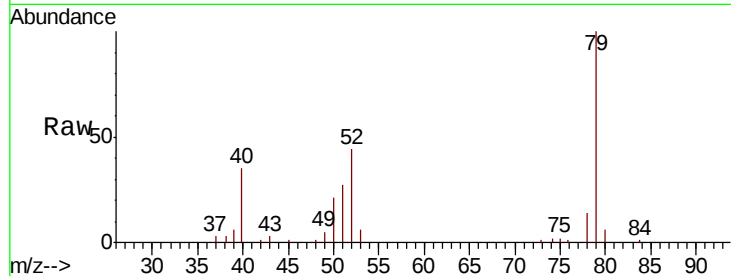




#3
 Pvridine
 Concen: 16.905 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.23 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

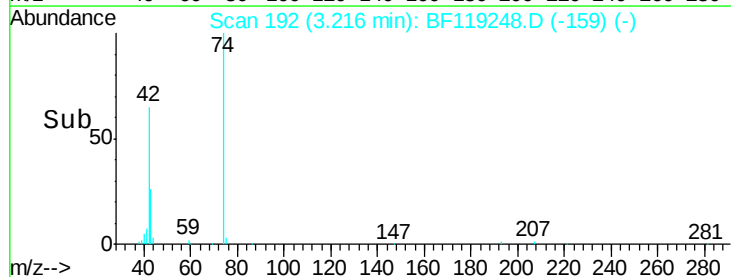
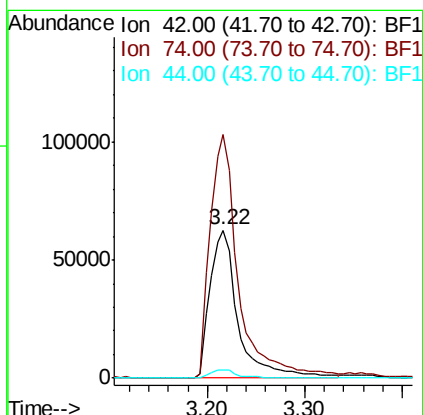
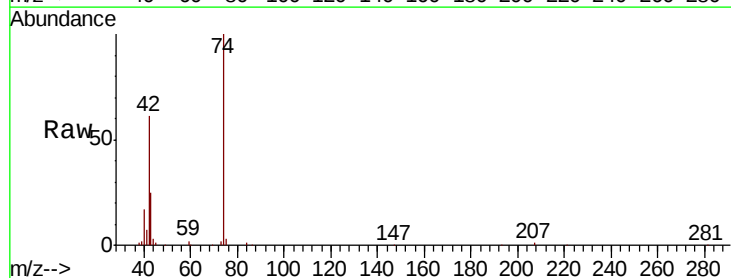
Instrument :
 BNA_F
 ClientSampled :

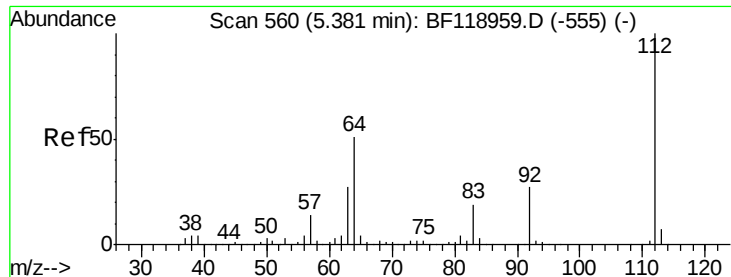
Tot Ion: 79 Resp: 176729
 Ion Ratio Lower Upper
 79 100
 52 44.4 37.4 56.0
 51 26.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 39.738 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.09 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion: 42 Resp: 125849
 Ion Ratio Lower Upper
 42 100
 74 164.6 137.7 206.5
 44 5.3 4.5 6.7





#5

2-Fluorophenol

Concen: 108.613 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampled :

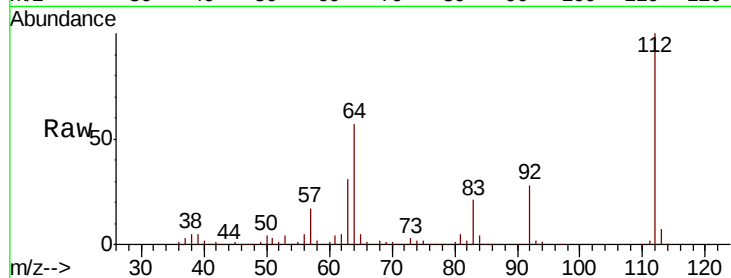
Tot Ion:112 Resp: 933833

Ion Ratio Lower Upper

112 100

64 57.3 45.0 67.4

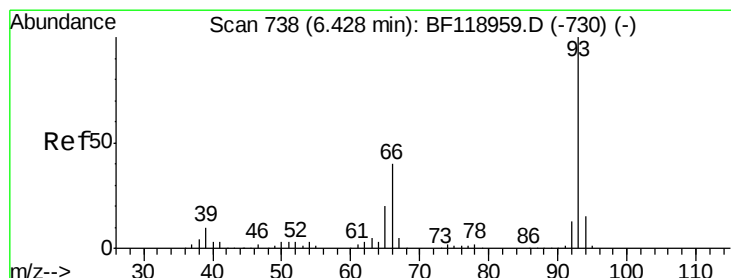
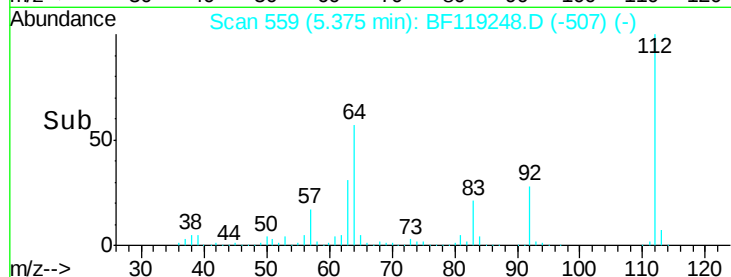
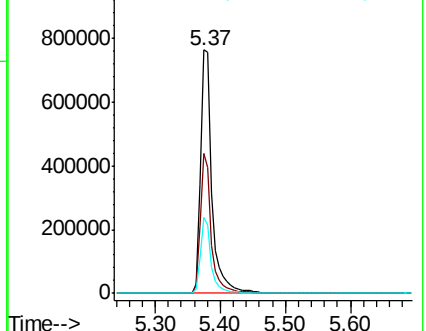
63 31.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.035 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

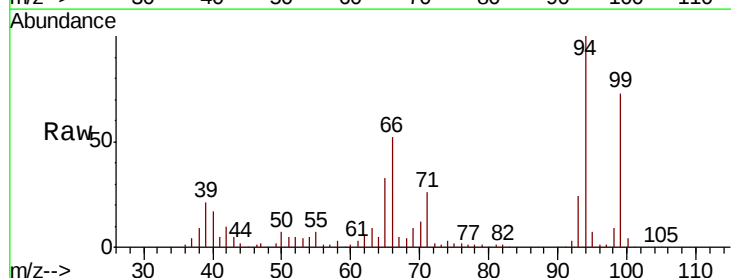
Tgt Ion: 93 Resp: 129477

Ion Ratio Lower Upper

93 100

66 216.8 74.5 111.7#

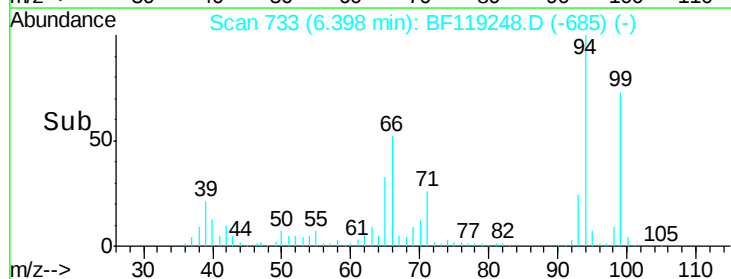
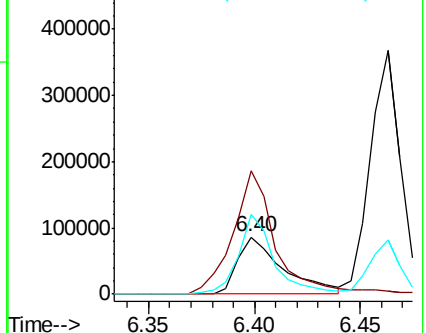
65 140.2 45.3 67.9#

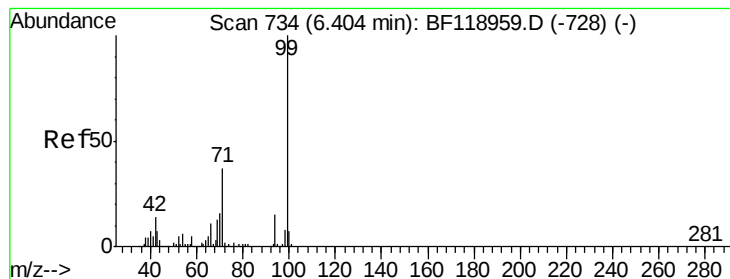


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.781 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampled :

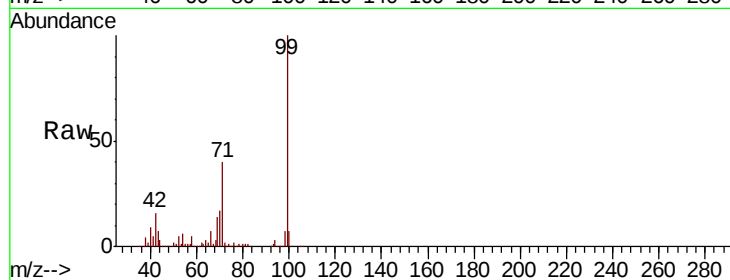
Tot Ion: 99 Resp: 1043369

Ion Ratio Lower Upper

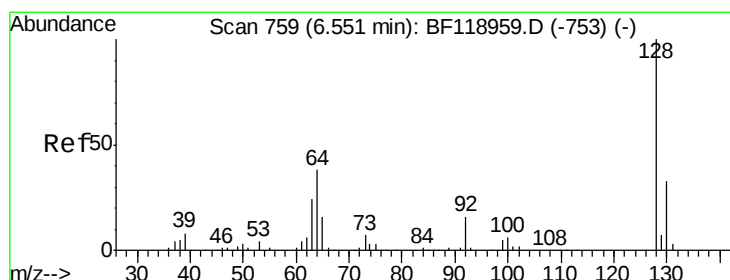
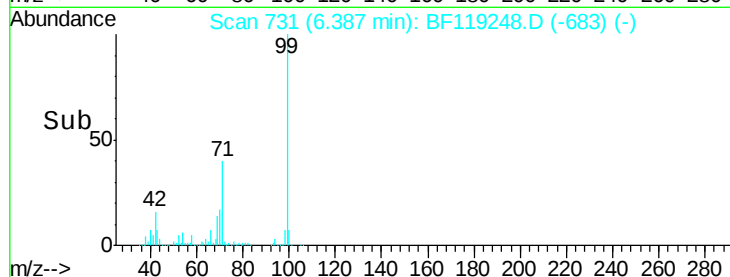
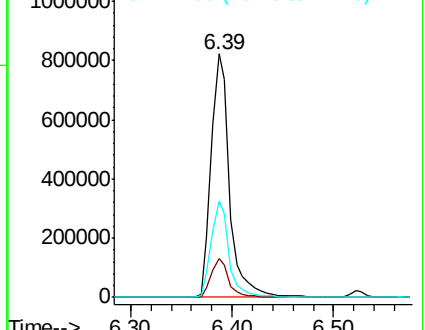
99 100

42 15.9 12.6 18.8

71 39.8 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.943 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

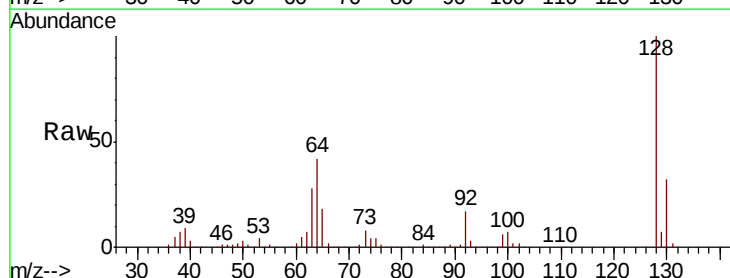
Tgt Ion: 128 Resp: 398455

Ion Ratio Lower Upper

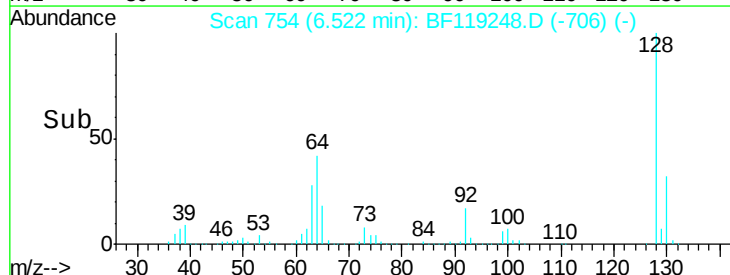
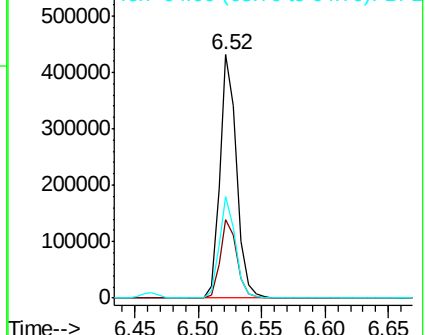
128 100

130 32.1 12.7 52.7

64 41.9 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.196 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampled :

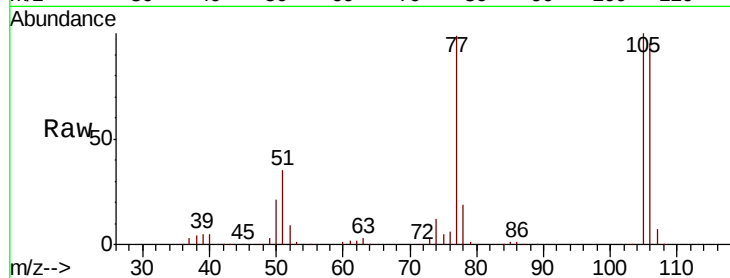
Tot Ion: 77 Resp: 252872

Ion Ratio Lower Upper

77 100

105 100.8 80.1 120.1

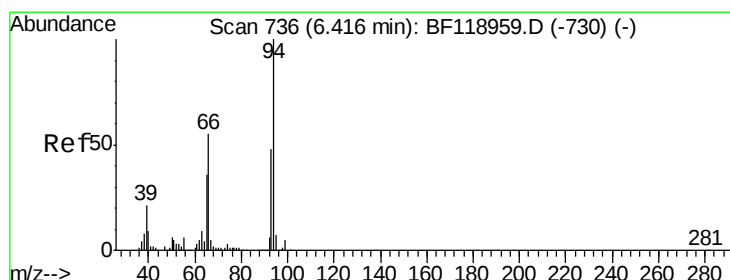
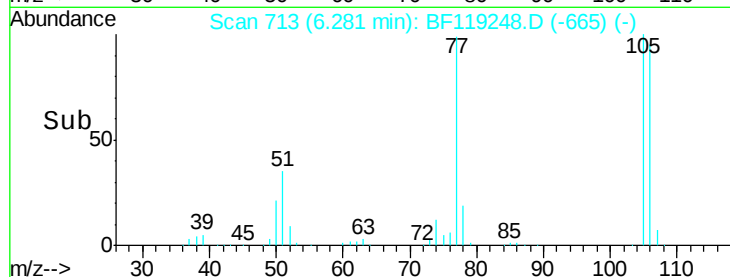
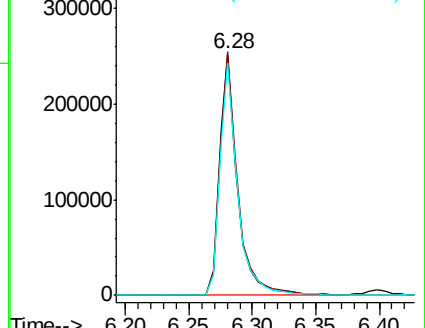
106 95.9 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.569 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

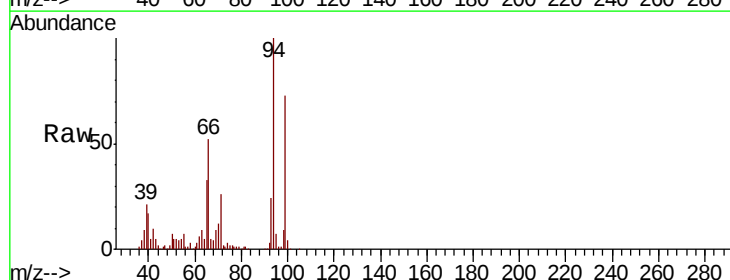
Tgt Ion: 94 Resp: 402125

Ion Ratio Lower Upper

94 100

65 33.4 19.2 59.2

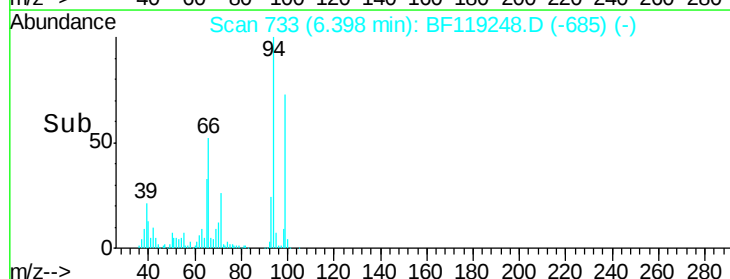
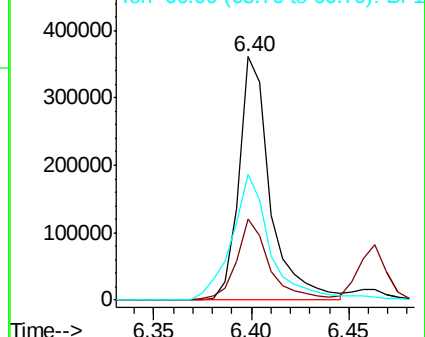
66 51.7 44.4 84.4

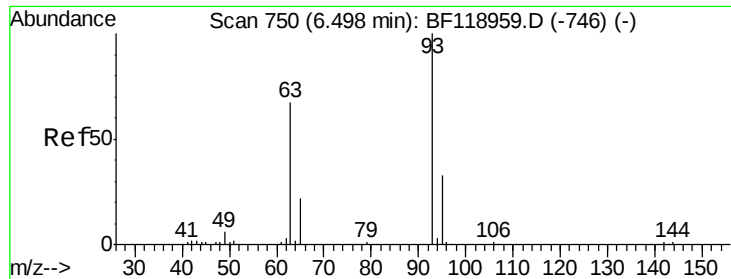


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.958 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

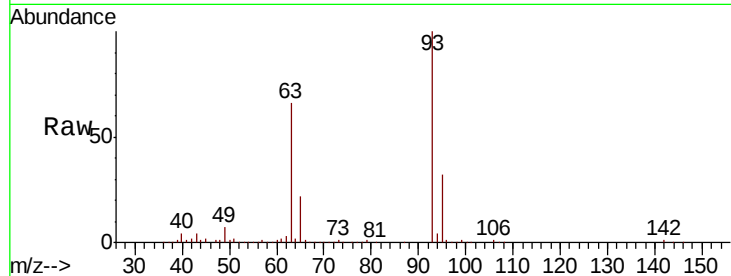
Tot Ion: 93 Resp: 371595

Ion Ratio Lower Upper

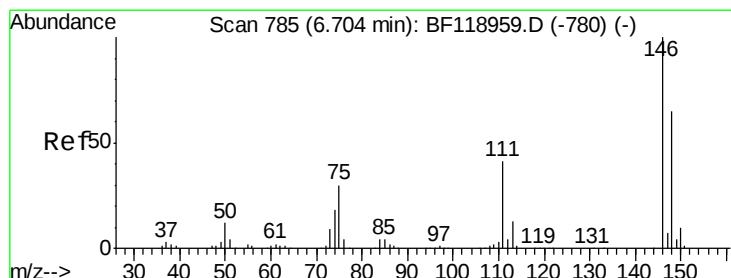
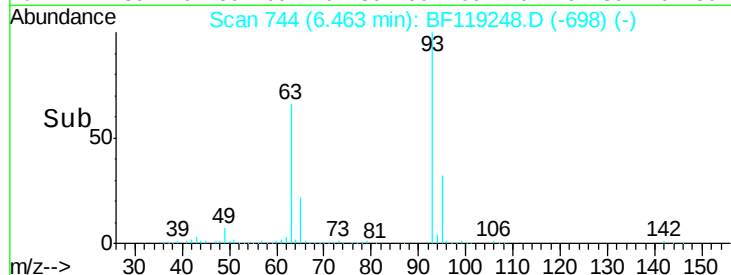
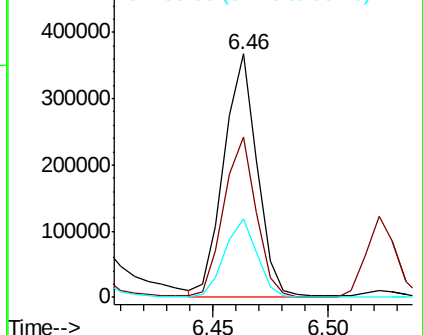
93 100

63 65.7 45.4 85.4

95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.988 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

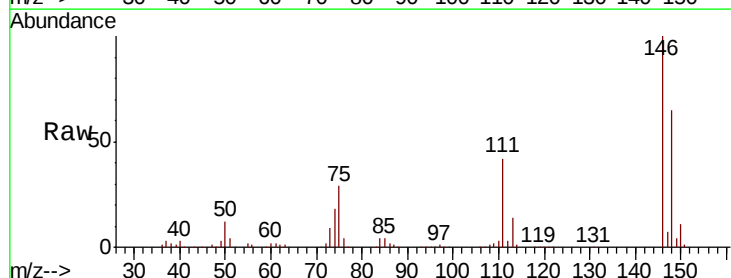
Tgt Ion: 146 Resp: 411350

Ion Ratio Lower Upper

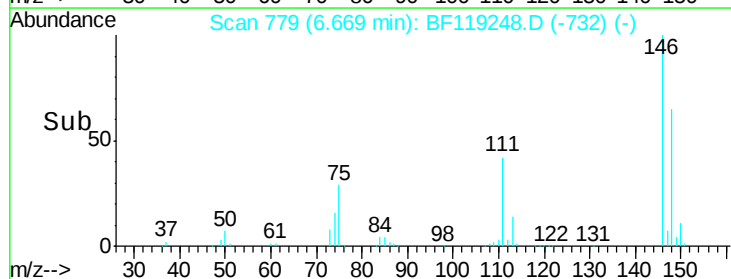
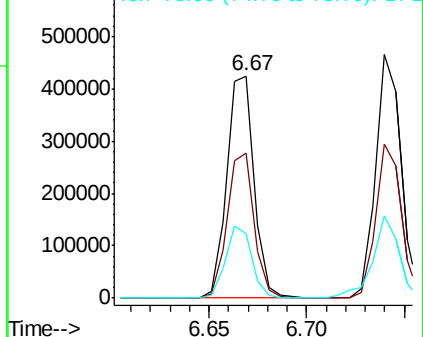
146 100

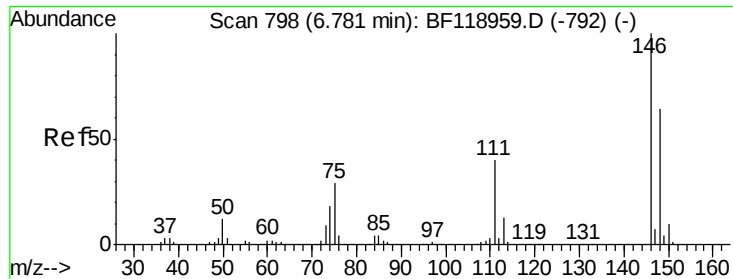
148 65.3 52.5 78.7

75 29.3 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

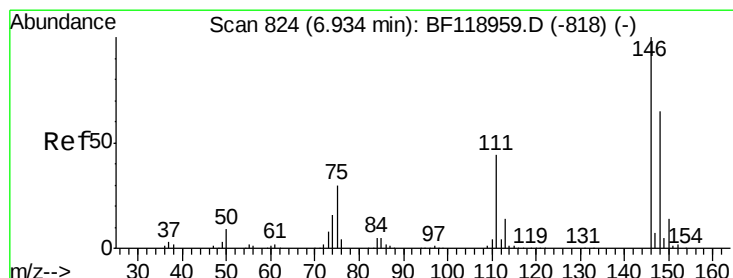
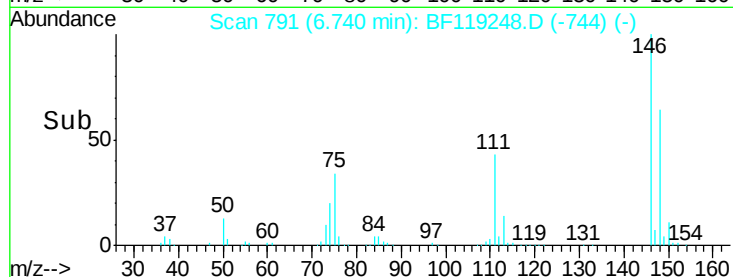
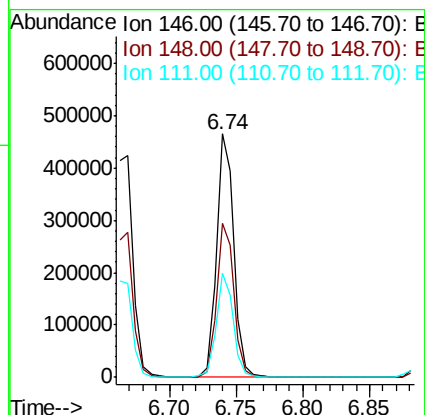
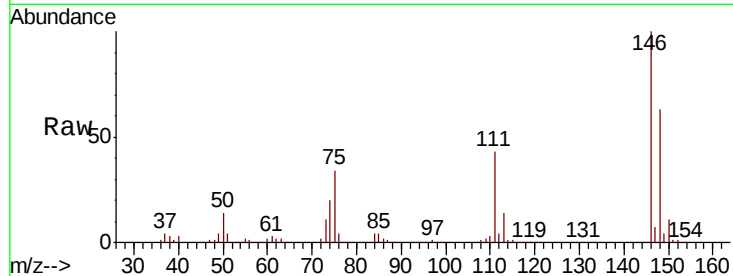




#13
 1,4-Dichlorobenzene
 Concen: 38.090 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

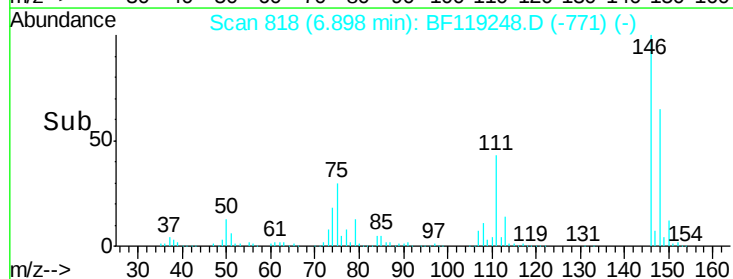
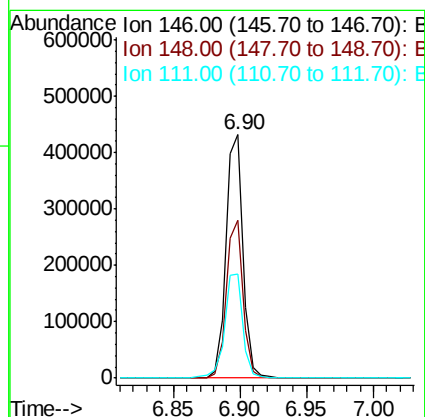
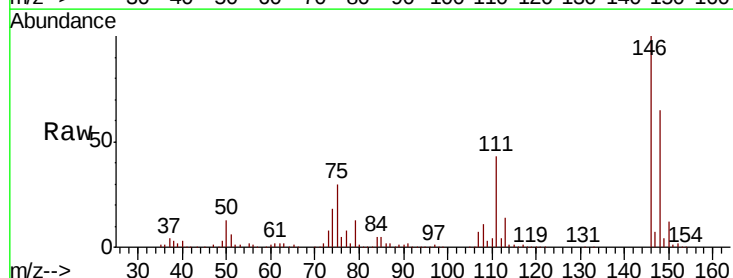
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 423889
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 43.0 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 38.397 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:146 Resp: 389706
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 43.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.211 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

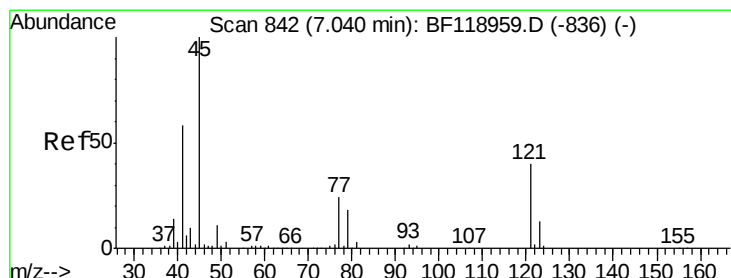
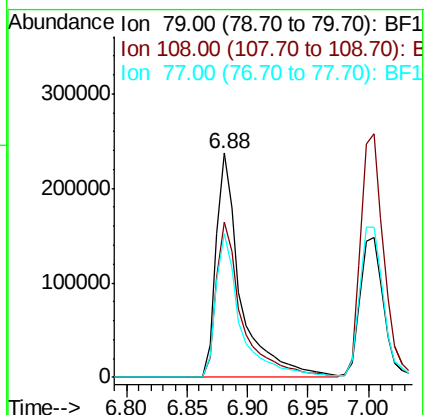
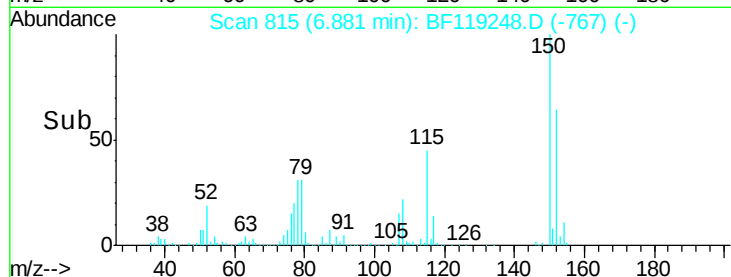
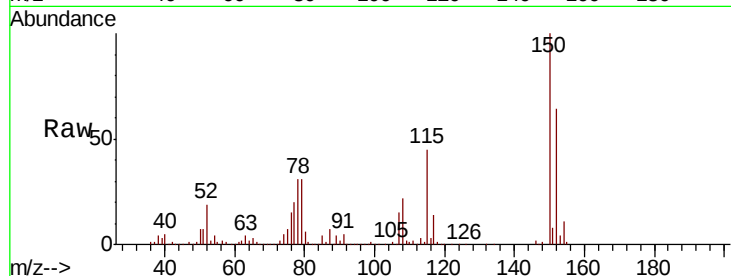
Tot Ion: 79 Resp: 334118

Ion Ratio Lower Upper

79 100

108 69.4 58.2 87.2

77 64.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.062 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

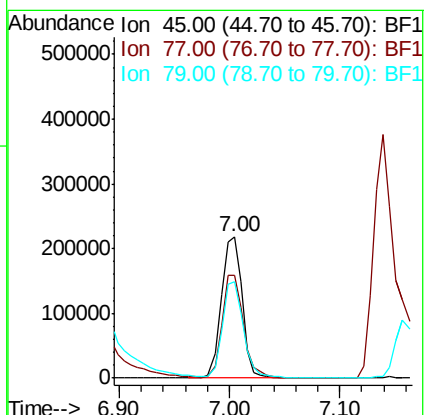
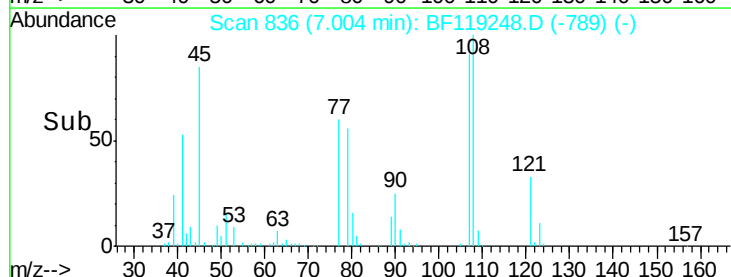
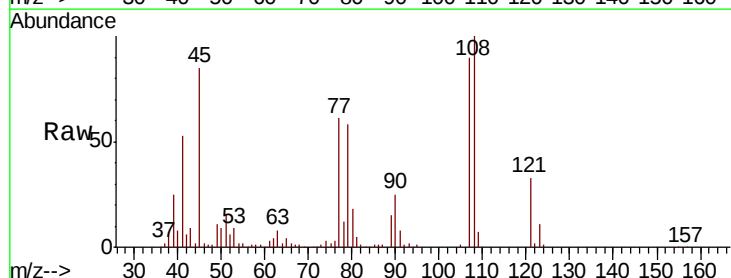
Tgt Ion: 45 Resp: 285211

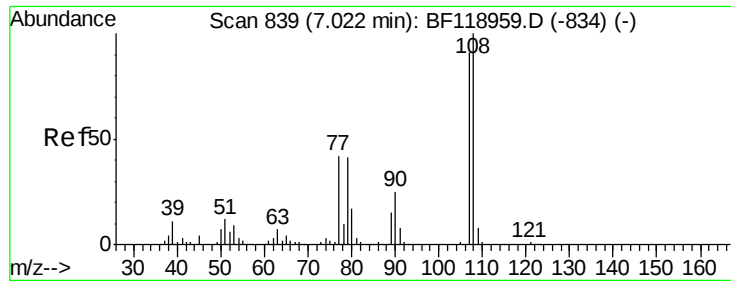
Ion Ratio Lower Upper

45 100

77 72.5 15.0 55.0#

79 67.9 9.4 49.4#





#17

2-Methylphenol

Concen: 41.080 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 309033

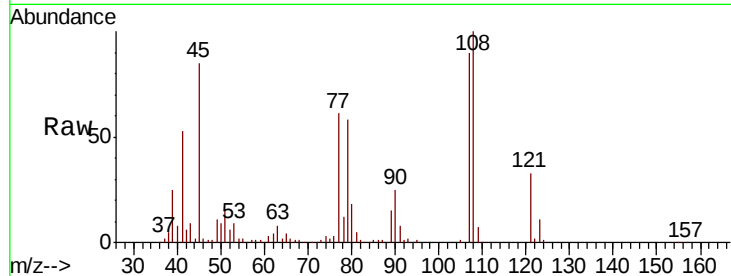
Ion Ratio Lower Upper

107 100

108 110.7 87.9 131.9

77 68.0 45.3 67.9#

79 63.7 43.0 64.4



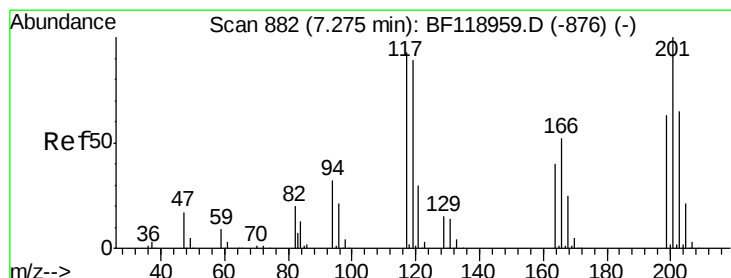
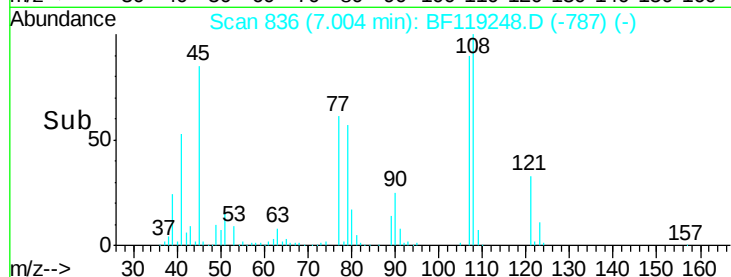
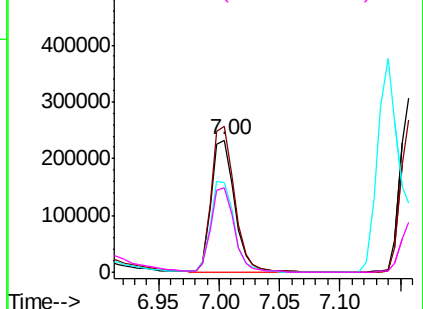
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.142 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

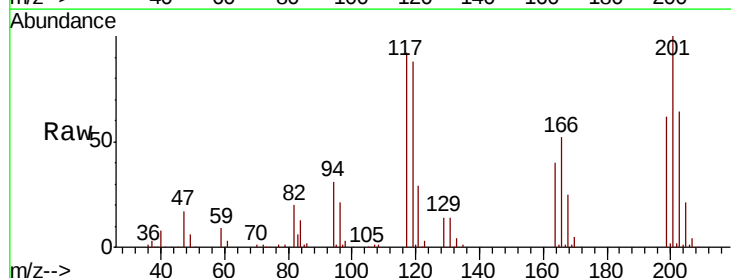
Tgt Ion:117 Resp: 147880

Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3

201 108.8 82.6 123.8

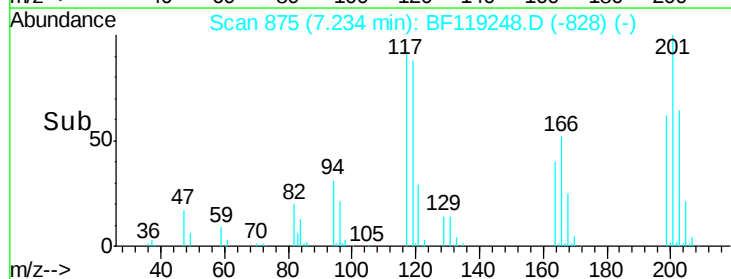
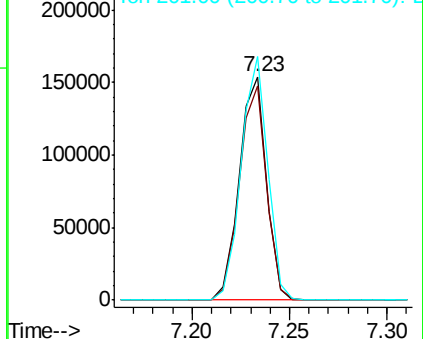


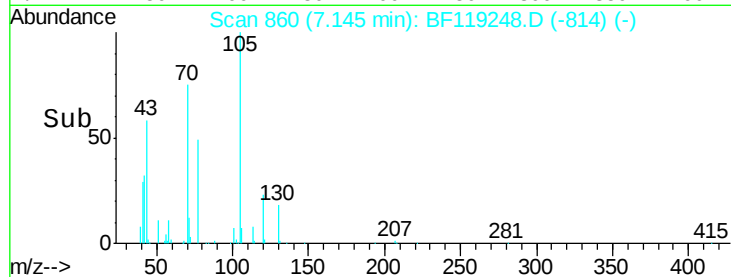
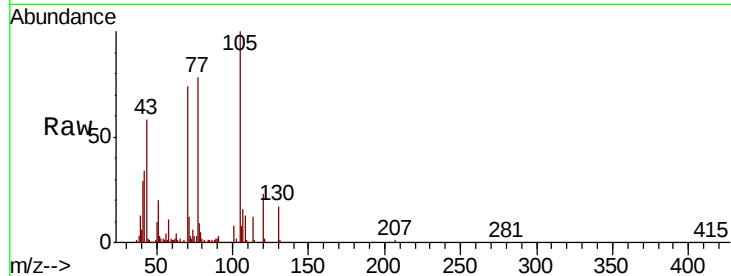
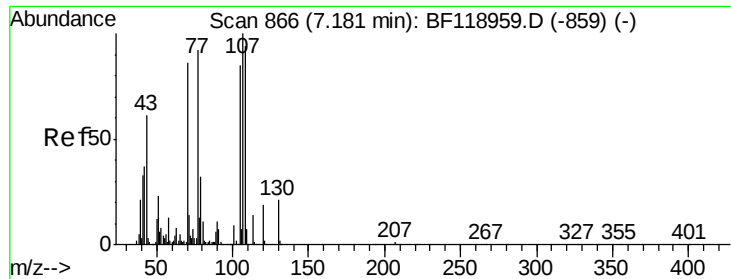
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

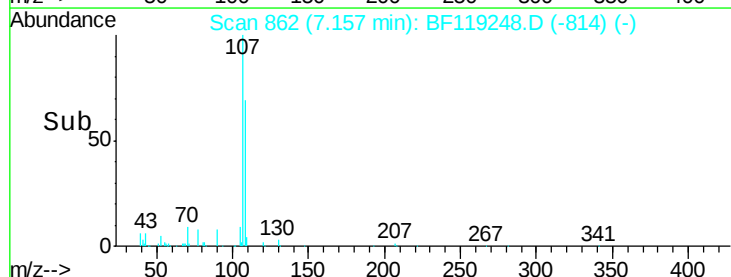
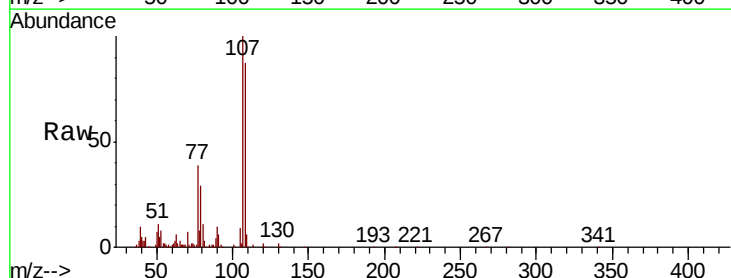
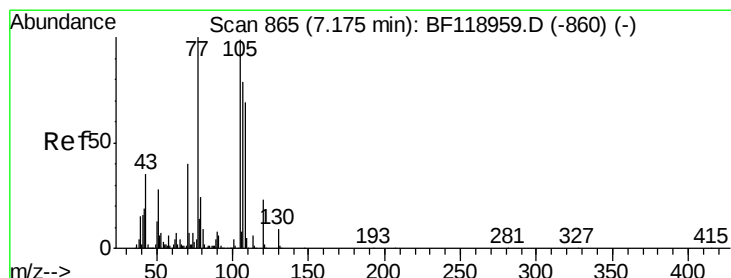
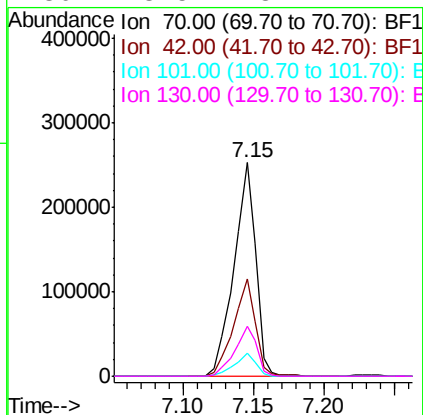




#19
n-Nitroso-di-n-propylamine
Concen: 44.422 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

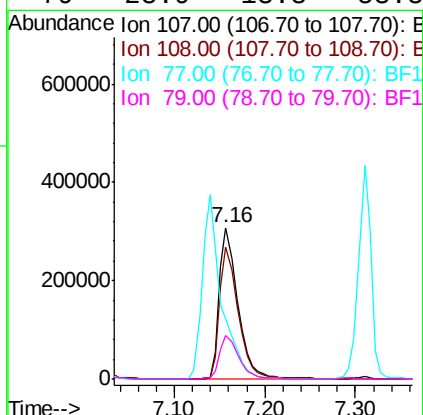
Instrument :
BNA_F
ClientSampleId :

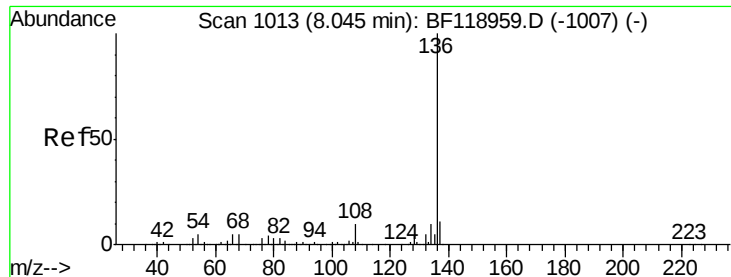
Tot Ion	70	Resp	270667
Ion	Ratio	Lower	Upper
70	100		
42	45.4	38.0	57.0
101	10.6	8.2	12.4
130	23.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 47.019 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion	107	Resp	433343
Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.5	111.5
77	39.5	45.9	85.9#
79	28.9	13.8	53.8

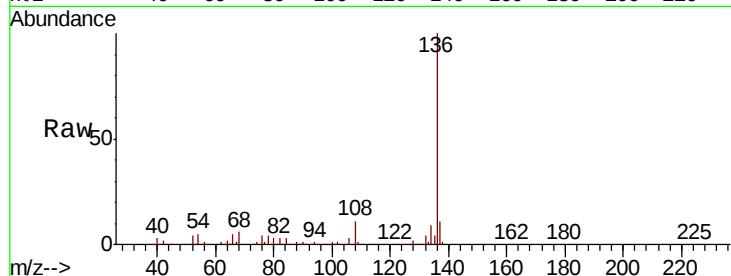




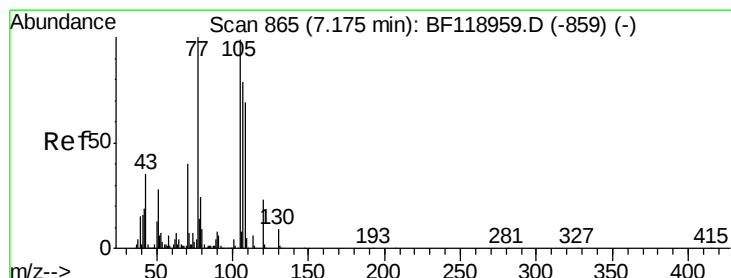
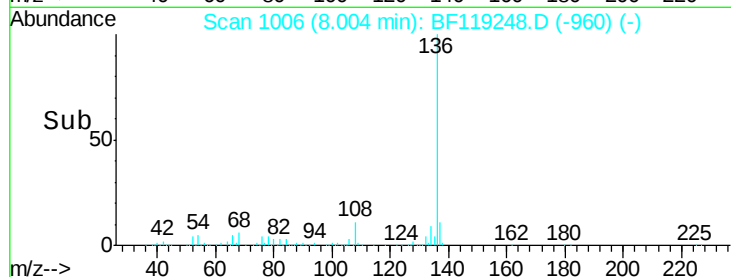
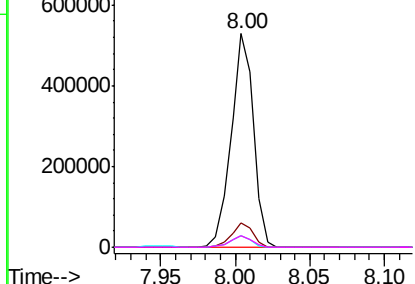
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	557288
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	5.3	3.8 5.6
68	5.6	3.9 5.9

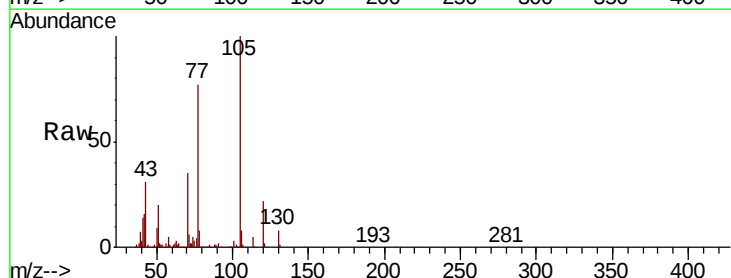


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

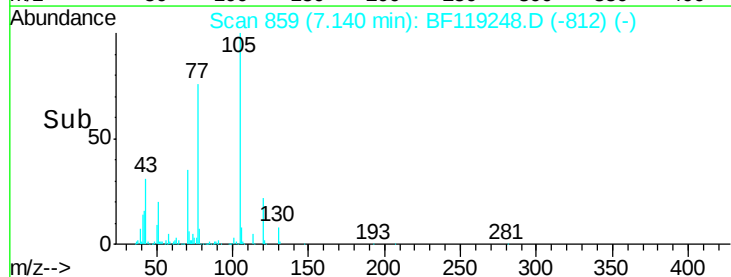
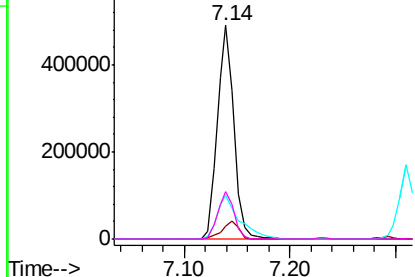


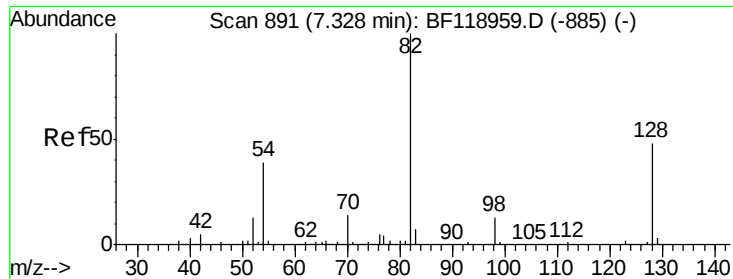
#22
Acetophenone
Concen: 42.131 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:105	Resp:	543245
Ion Ratio	Lower	Upper
105	100	
71	6.0	3.0 4.4#
51	20.4	20.1 30.1
120	22.3	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

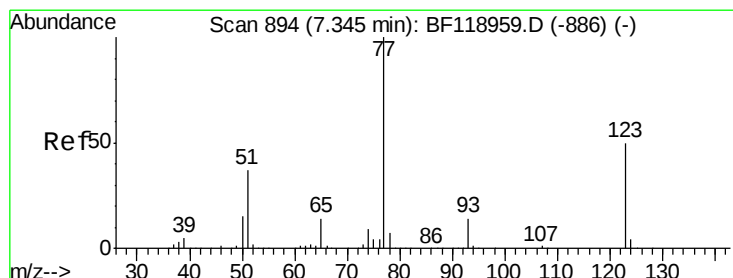
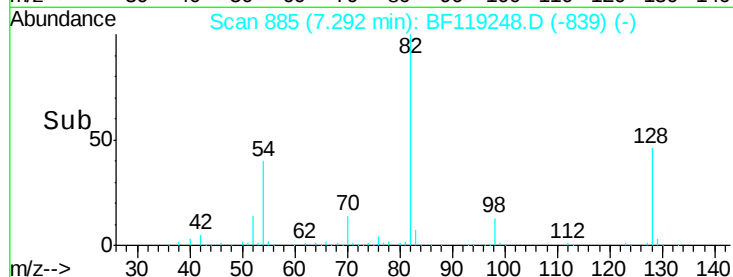
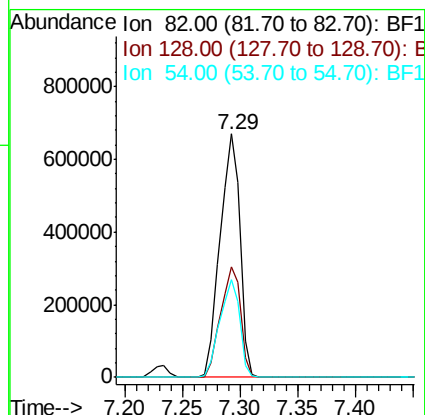
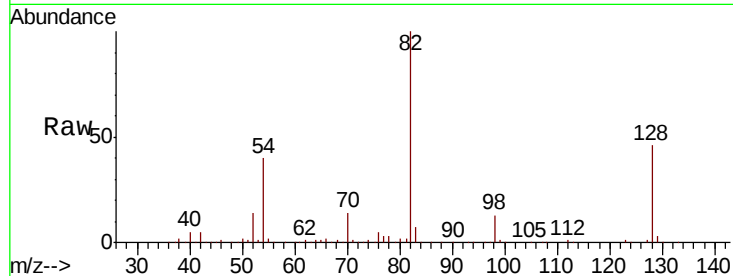




#23
Nitrobenzene-d5
Concen: 75.943 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

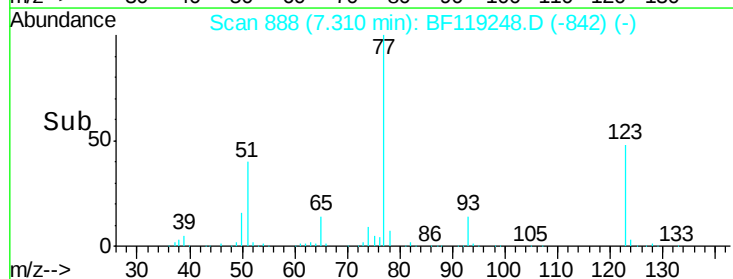
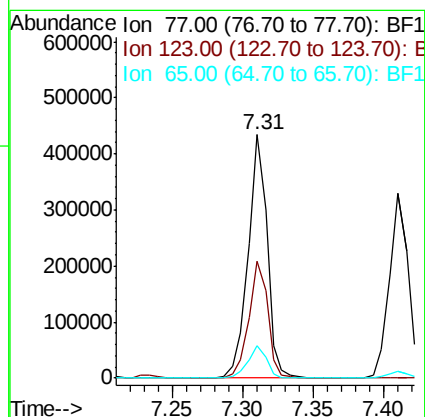
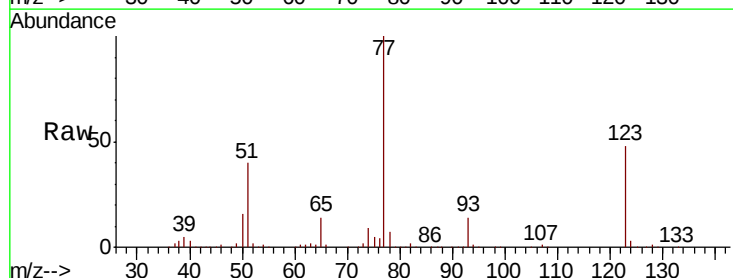
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 801556
Ion Ratio Lower Upper
82 100
128 45.5 37.9 56.9
54 40.0 33.4 50.2



#24
Nitrobenzene
Concen: 39.334 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion: 77 Resp: 410547
Ion Ratio Lower Upper
77 100
123 48.1 40.2 60.2
65 13.5 10.8 16.2





#25

Isophorone

Concen: 40.187 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

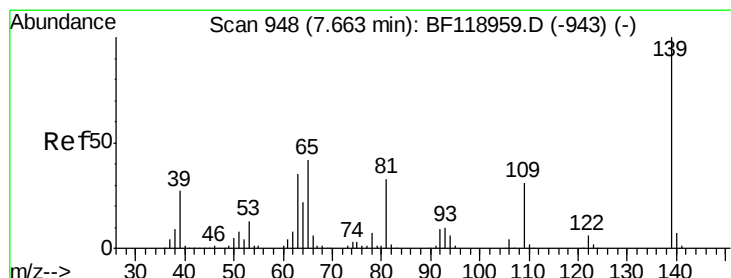
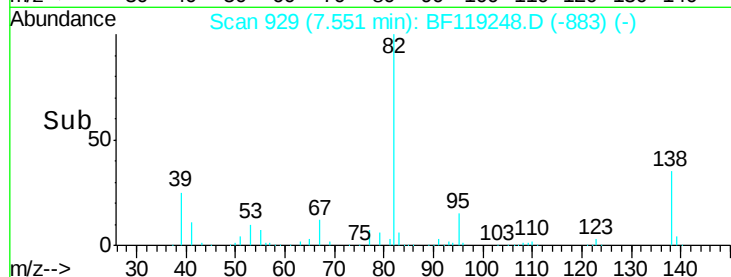
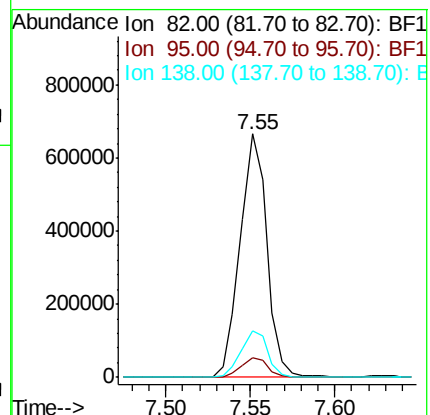
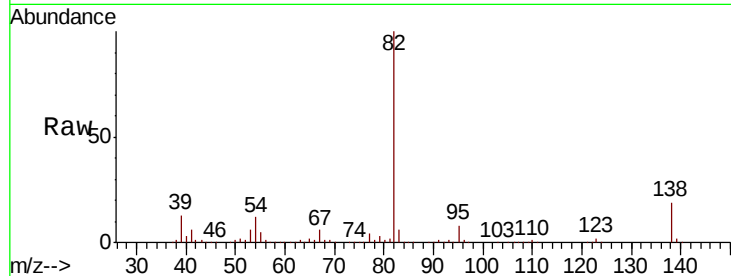
Tot Ion: 82 Resp: 736635

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 18.9 15.7 23.5



#26

2-Nitrophenol

Concen: 39.805 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

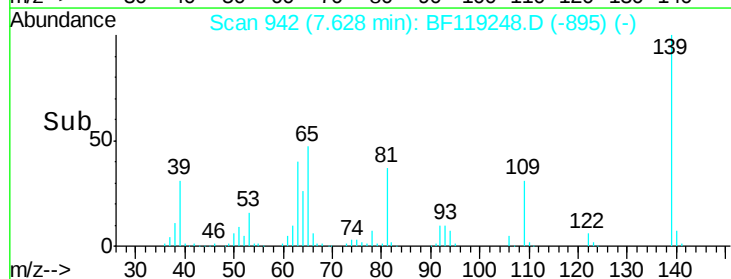
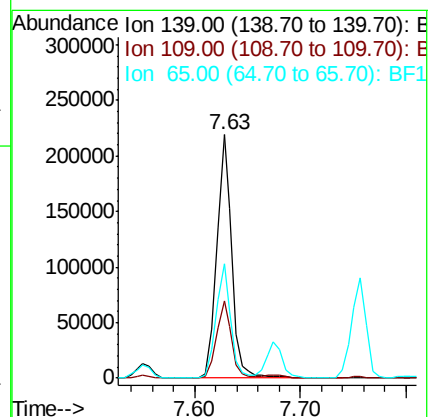
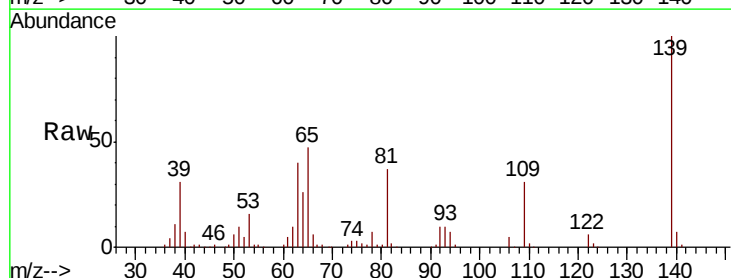
Tgt Ion: 139 Resp: 220136

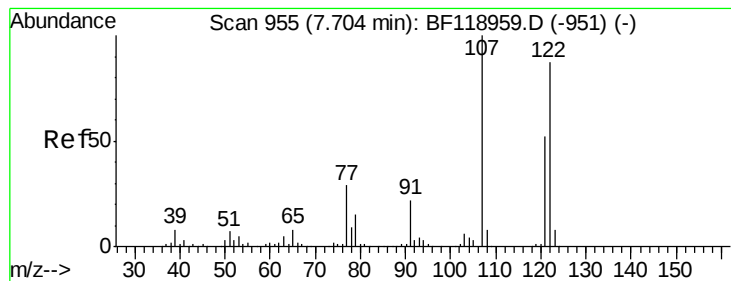
Ion Ratio Lower Upper

139 100

109 31.5 25.7 38.5

65 46.9 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 44.599 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampled :

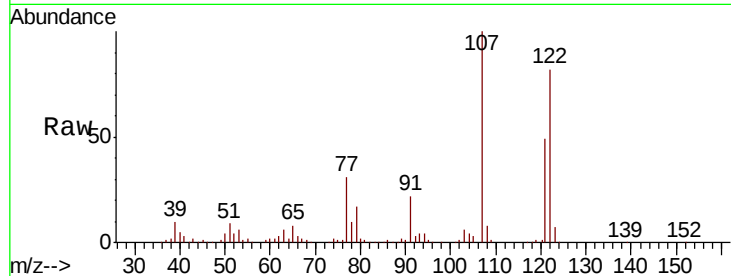
Tot Ion:122 Resp: 334740

Ion Ratio Lower Upper

122 100

107 122.6 93.8 140.6

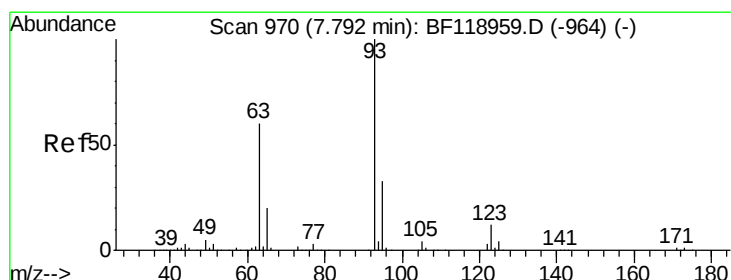
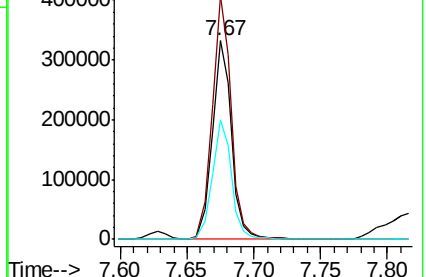
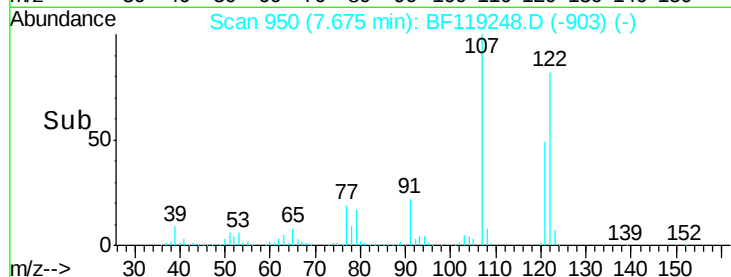
121 60.0 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.796 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

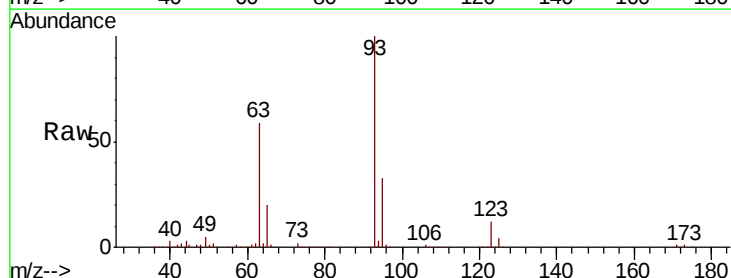
Tgt Ion: 93 Resp: 450953

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

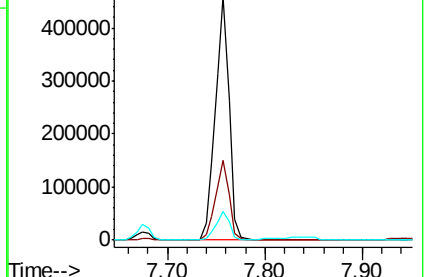
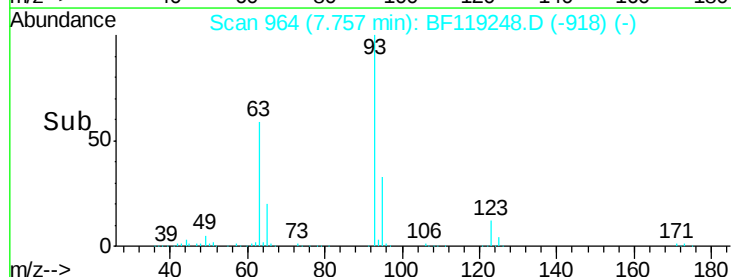
123 11.8 10.2 15.2

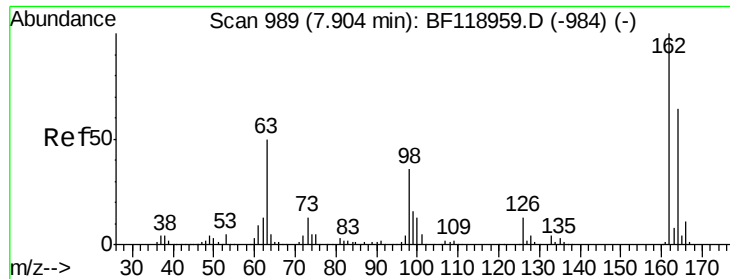


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

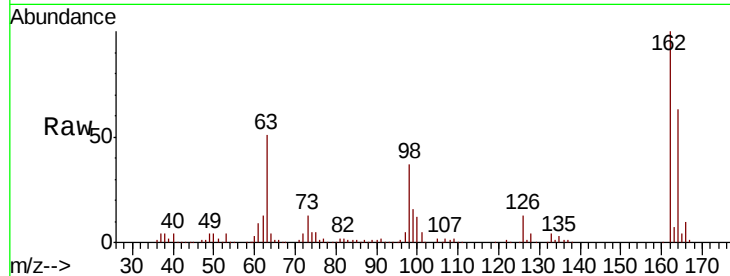




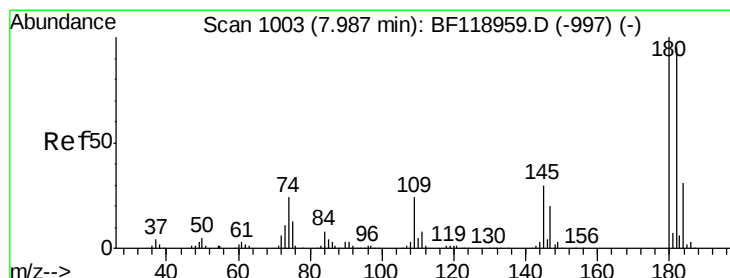
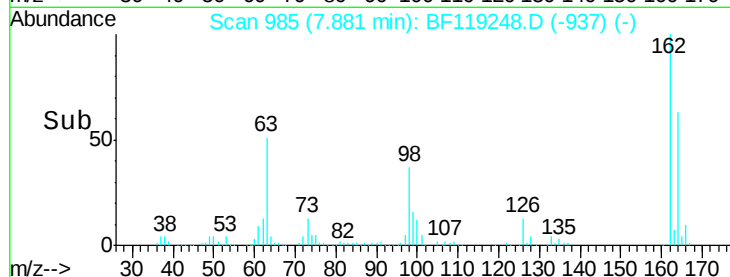
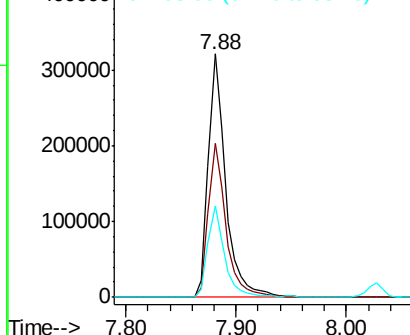
#29
 2,4-Dichlorophenol
 Concen: 38.868 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 343438
 Ion Ratio Lower Upper
 162 100
 164 63.4 45.2 85.2
 98 37.4 17.4 57.4

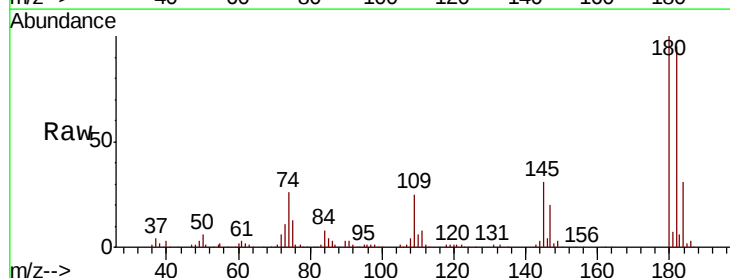


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

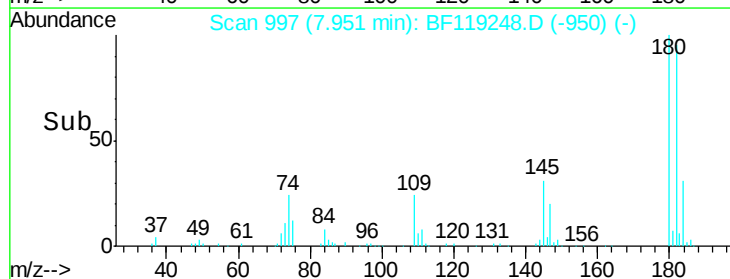
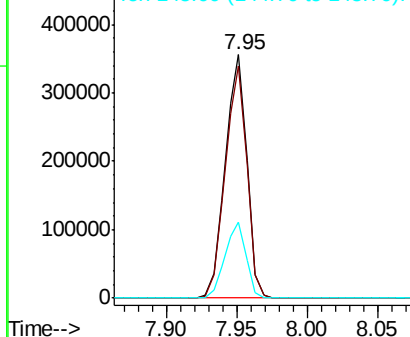


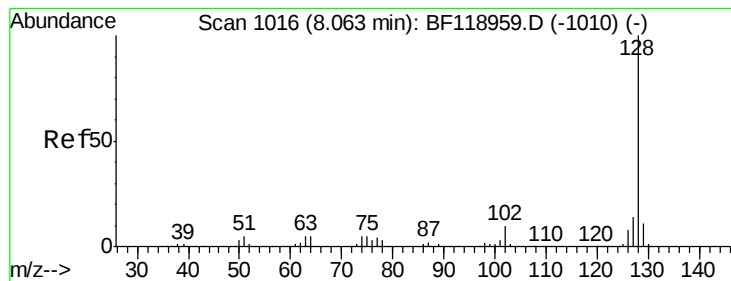
#30
 1,2,4-Trichlorobenzene
 Concen: 35.998 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:180 Resp: 377122
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.8 116.6
 145 31.2 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.674 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampled :

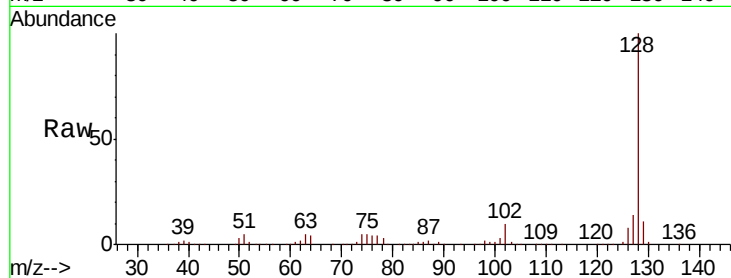
Tot Ion:128 Resp: 1117740

Ion Ratio Lower Upper

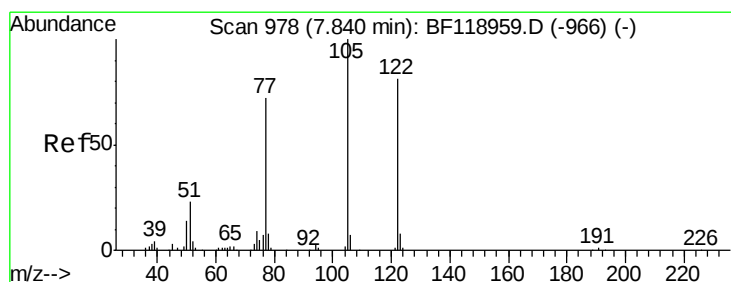
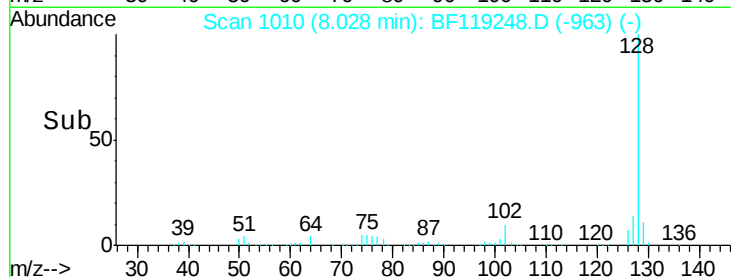
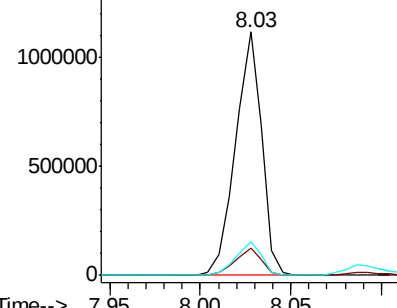
128 100

129 11.4 9.4 14.2

127 13.8 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.785 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

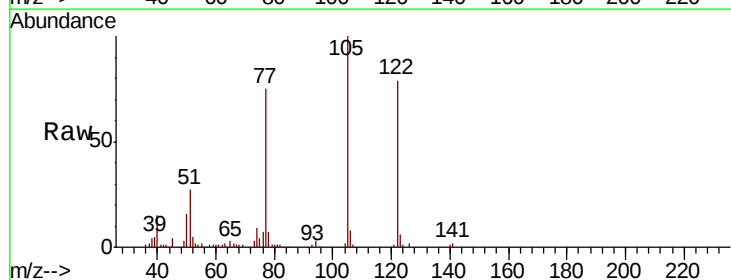
Tgt Ion:122 Resp: 204252

Ion Ratio Lower Upper

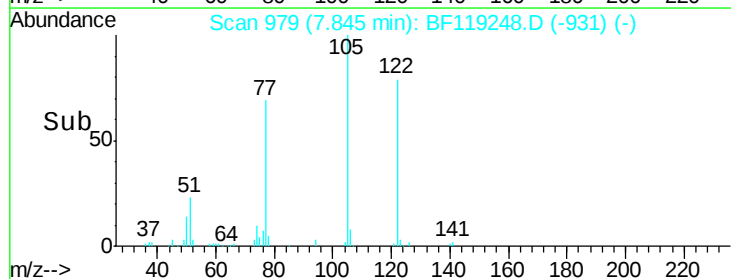
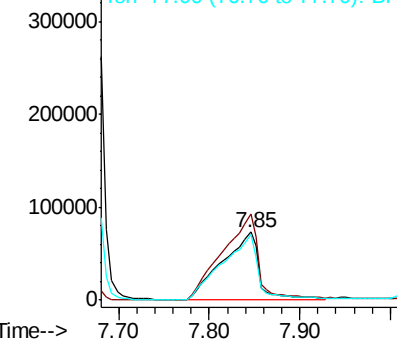
122 100

105 127.3 106.3 146.3

77 95.8 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

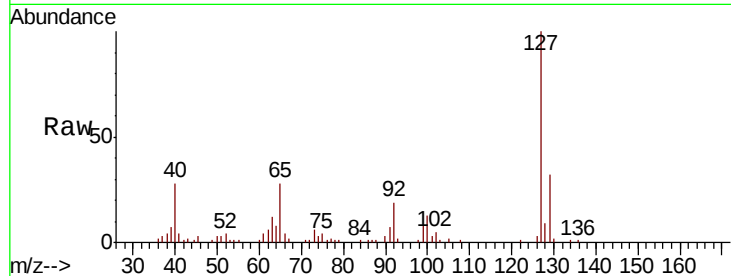




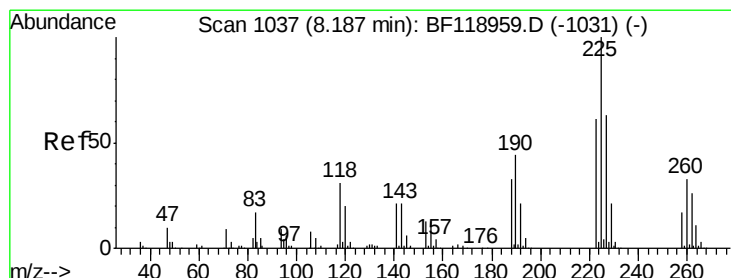
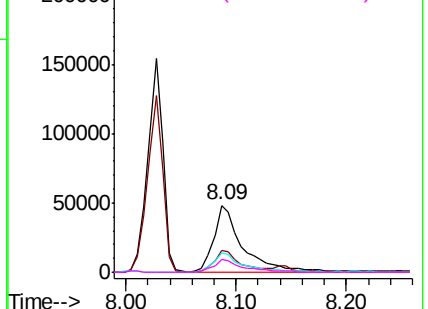
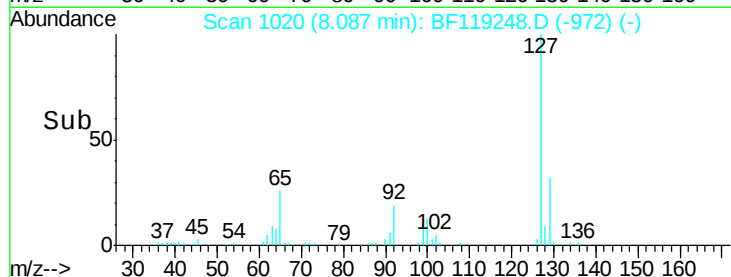
#33
4-Chloroaniline
Concen: 6.814 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	84703
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.9 38.9
65	28.3	23.9 35.9
92	19.3	16.3 24.5

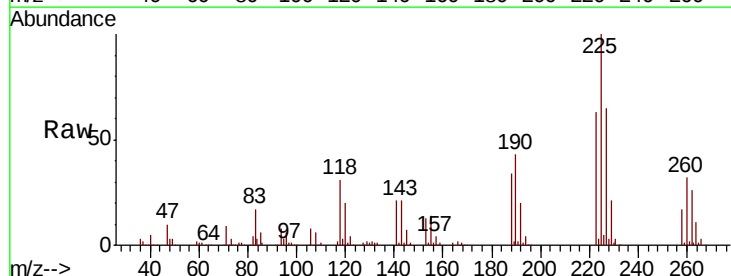


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

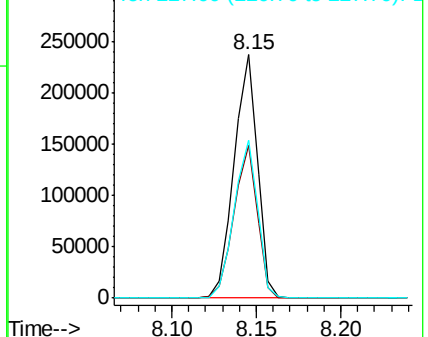
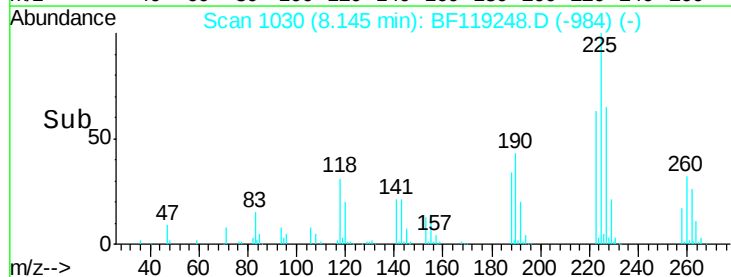


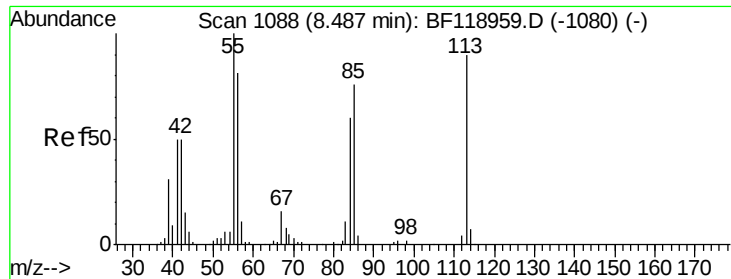
#34
Hexachlorobutadiene
Concen: 34.912 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:225	Resp:	227822
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.4 74.2
227	64.9	52.9 79.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

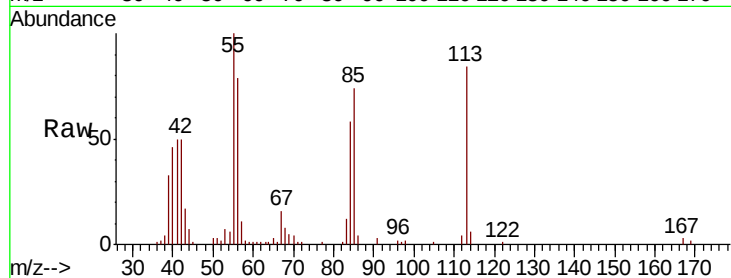




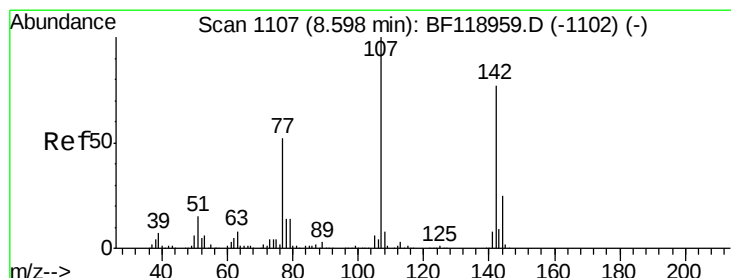
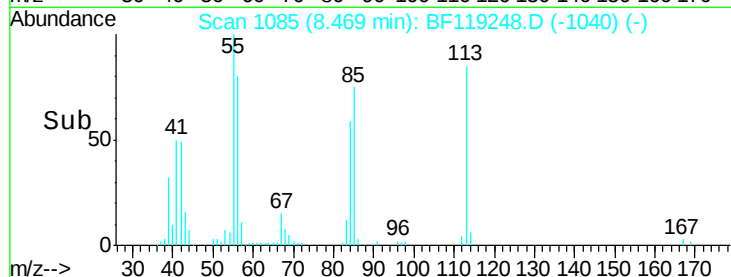
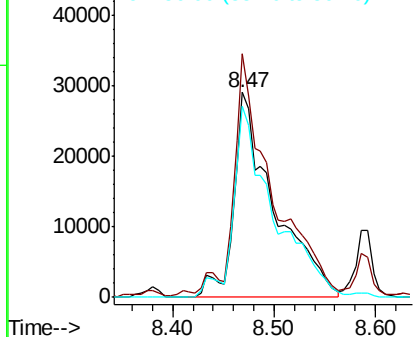
#35
 Caprolactam
 Concen: 29.379 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.04 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 79932
 Ion Ratio Lower Upper
 113 100
 55 118.8 95.7 135.7
 56 93.3 73.1 113.1

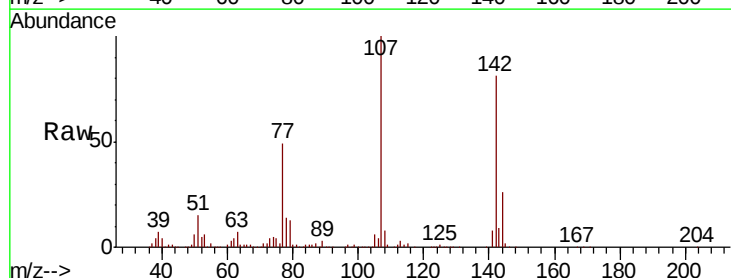


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

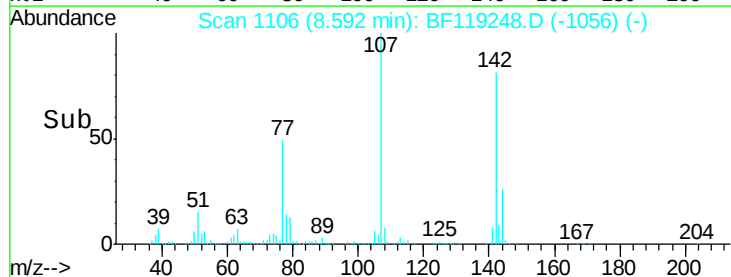
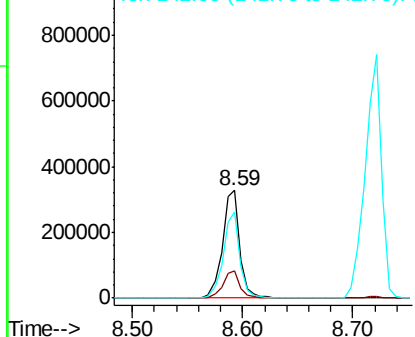


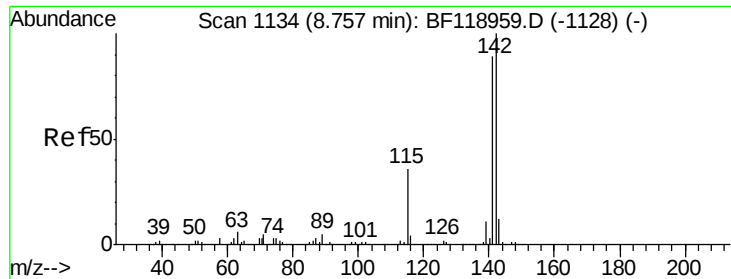
#36
 4-Chloro-3-methylphenol
 Concen: 40.197 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:107 Resp: 359456
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.1 30.1
 142 80.6 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

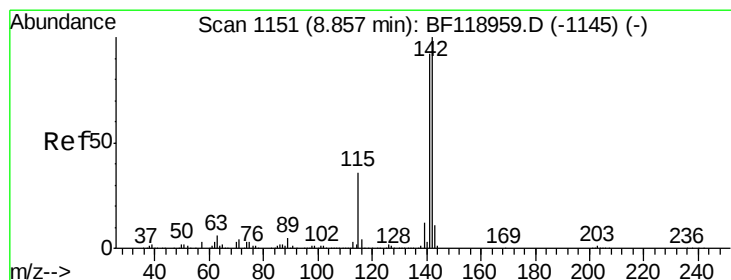
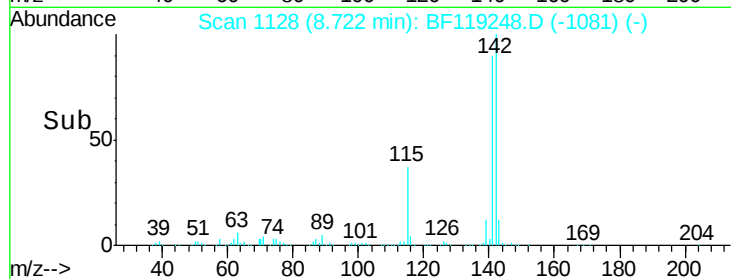
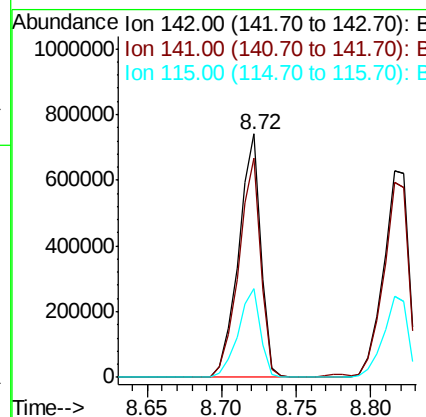
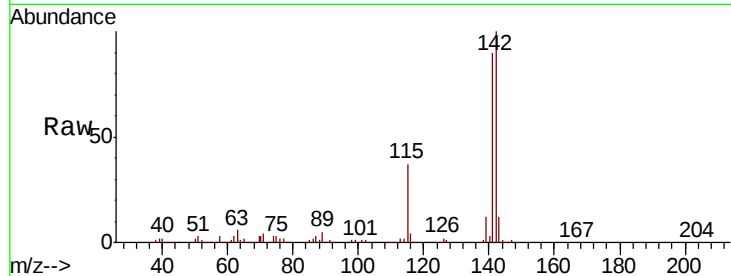




#37
2-Methylnaphthalene
Concen: 39.740 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

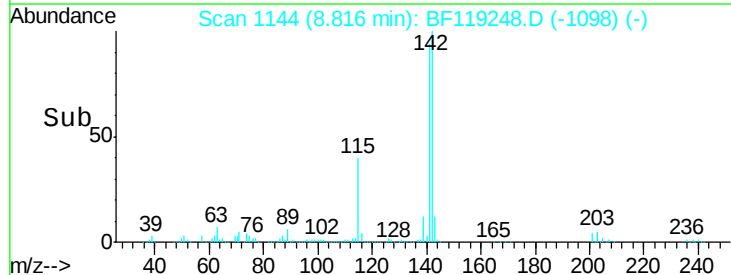
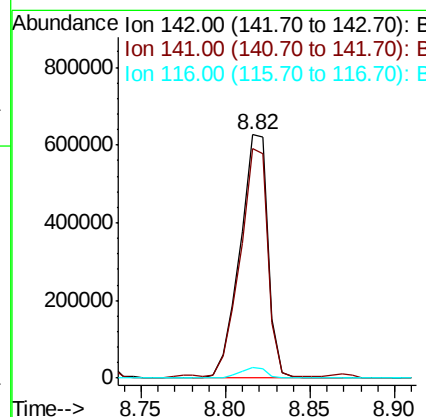
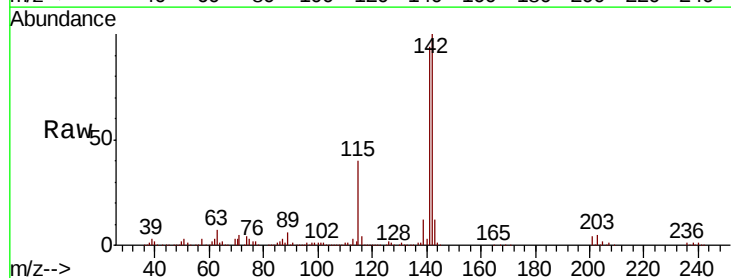
Instrument :
BNA_F
ClientSampled :

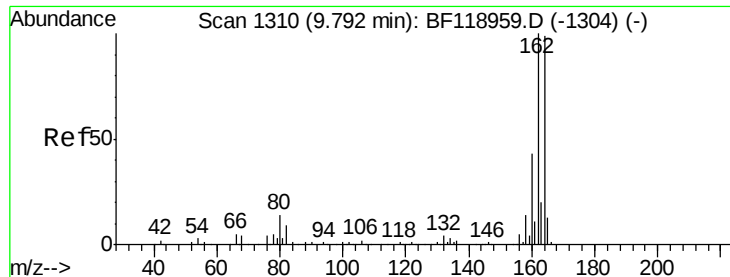
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	36.7	30.6	45.8



#38
1-Methylnaphthalene
Concen: 39.367 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

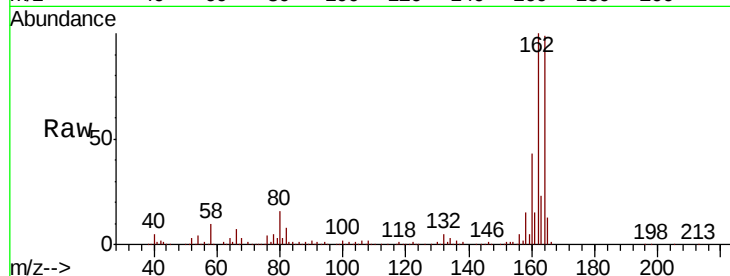
Tot Ion:164 Resp: 291732

Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.8

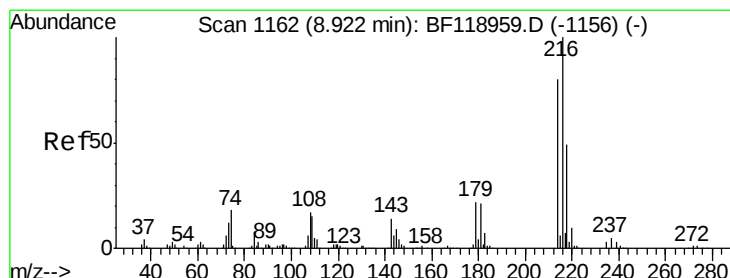
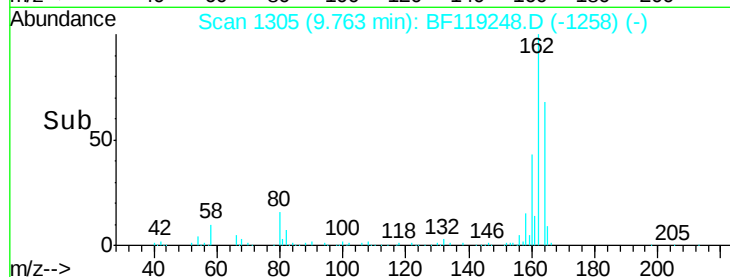
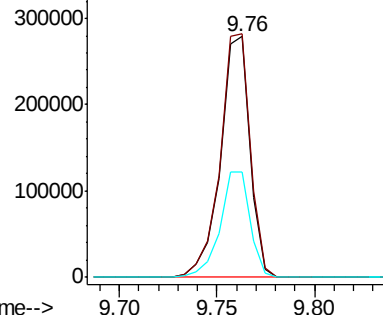
160 43.9 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.522 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Tgt Ion:216 Resp: 378906

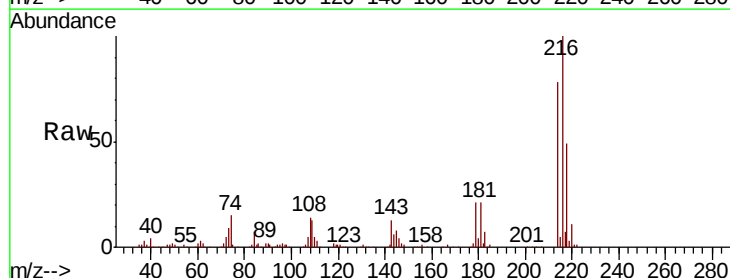
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 21.9 17.7 26.5

108 17.3 13.9 20.9

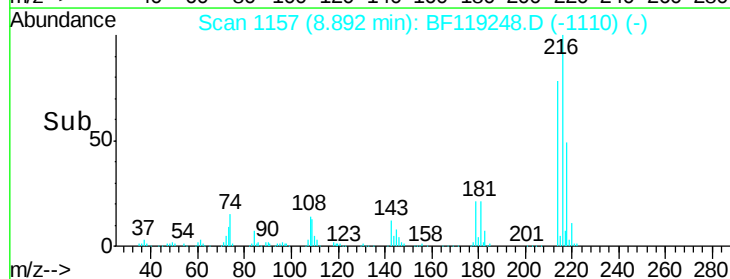
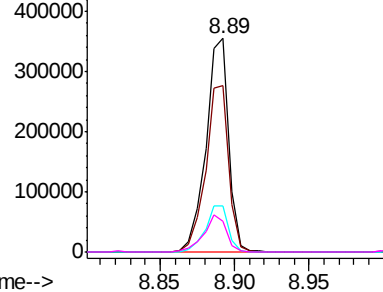


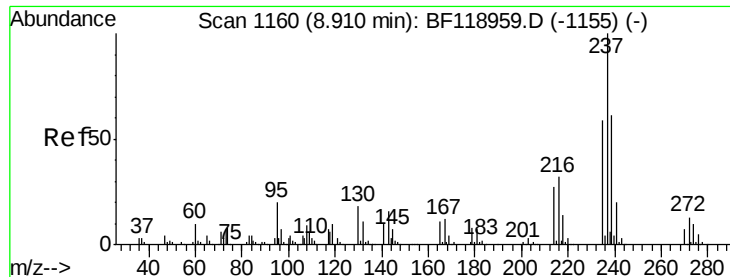
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 28.948 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

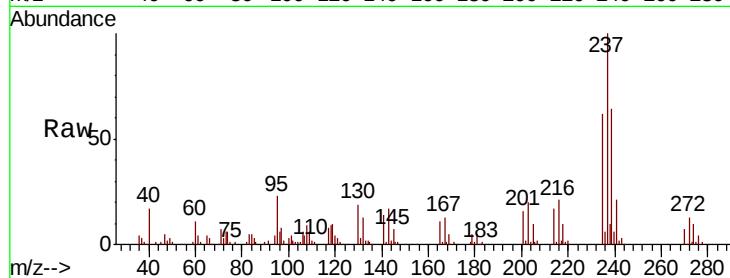
Tot Ion:237 Resp: 79322

Ion Ratio Lower Upper

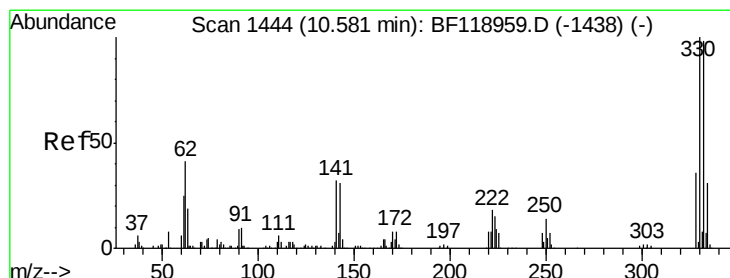
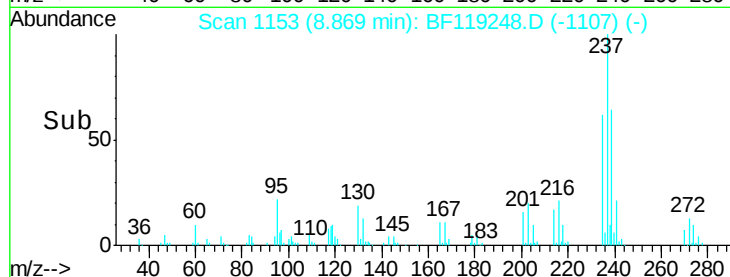
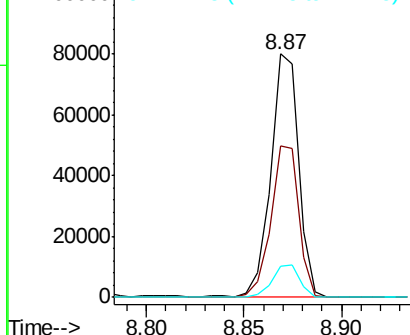
237 100

235 62.1 42.3 82.3

272 13.0 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.395 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

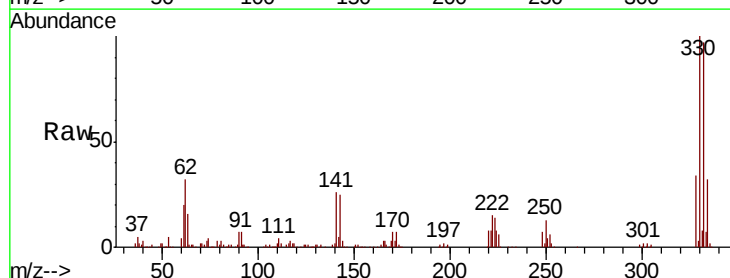
Tgt Ion:330 Resp: 398409

Ion Ratio Lower Upper

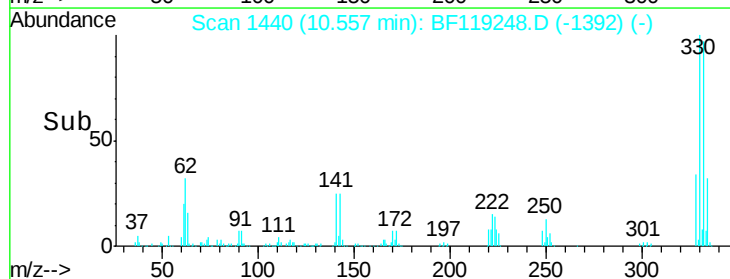
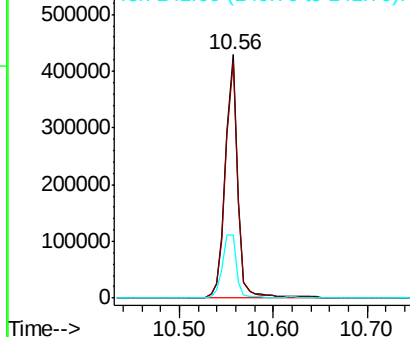
330 100

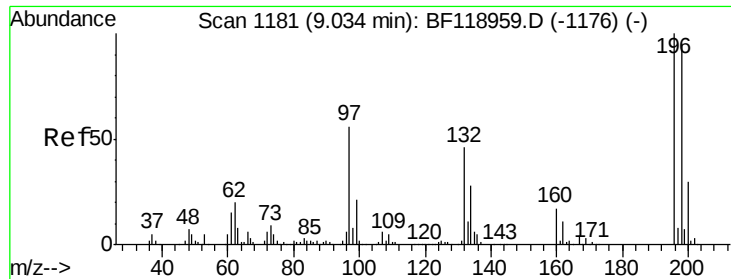
332 98.2 76.0 114.0

141 29.8 22.9 34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

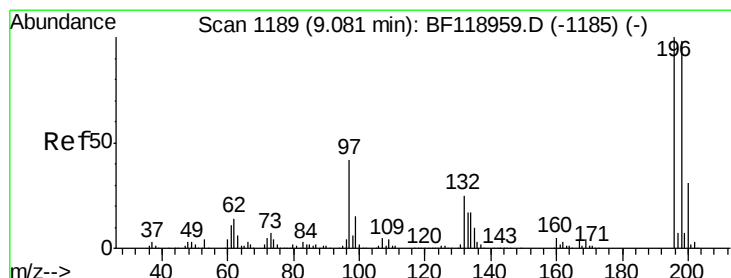
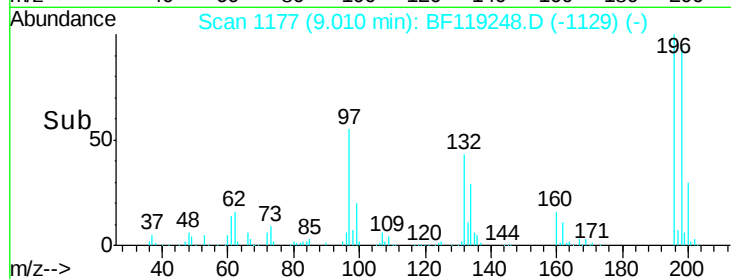
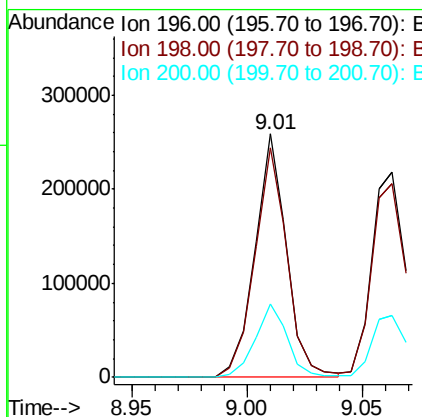
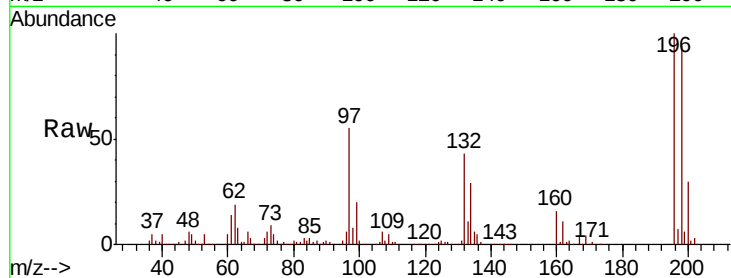




#43
 2,4,6-Trichlorophenol
 Concen: 39.843 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

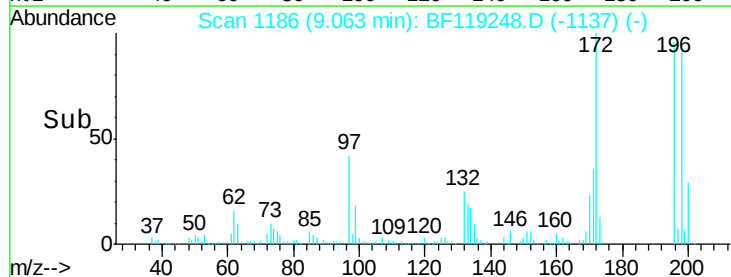
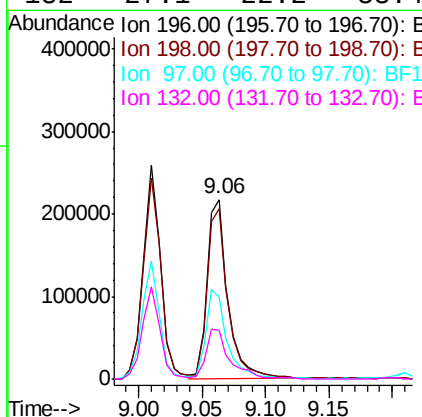
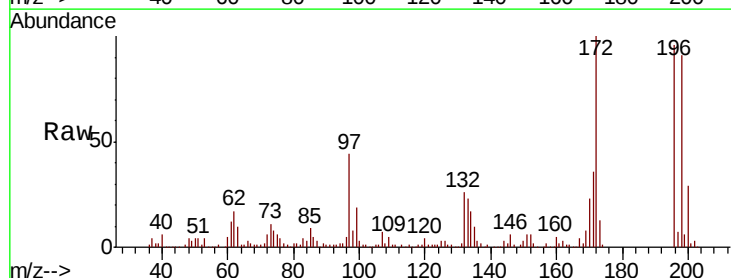
Instrument :
 BNA_F
 ClientSampleId :

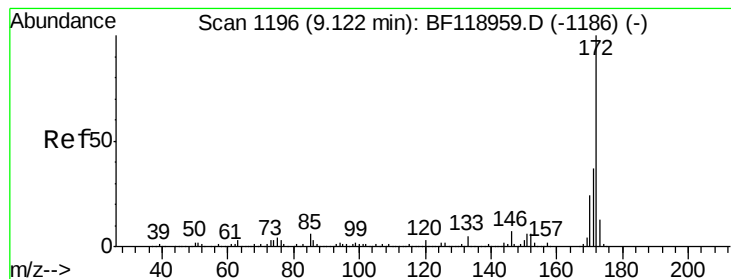
Tot Ion:196 Resp: 247480
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.1 115.7
 200 29.9 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.315 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:196 Resp: 249735
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.8 115.2
 97 45.6 38.5 57.7
 132 27.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 79.545 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

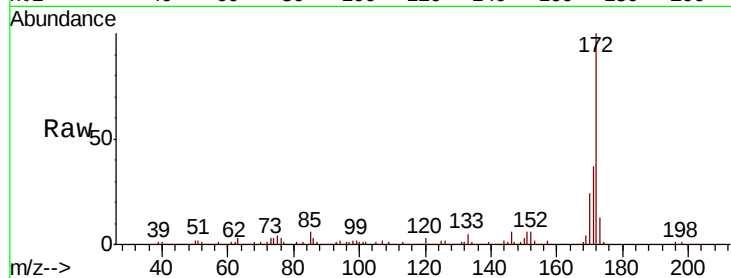
Tot Ion:172 Resp: 1575232

Ion Ratio Lower Upper

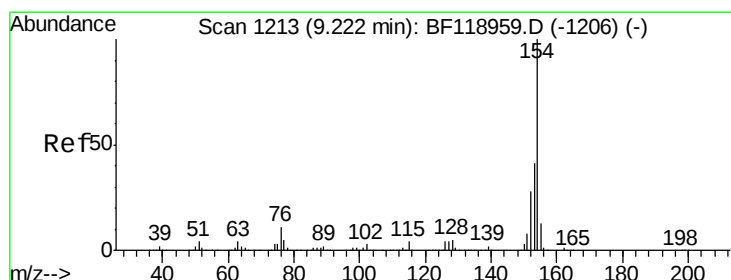
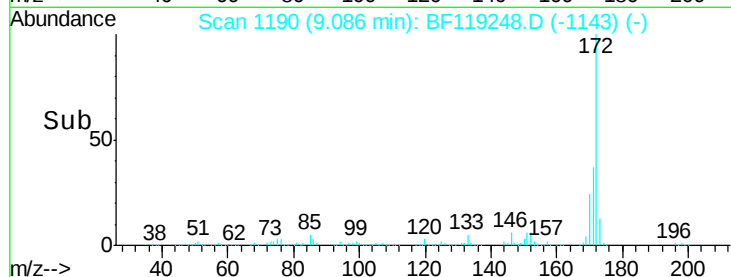
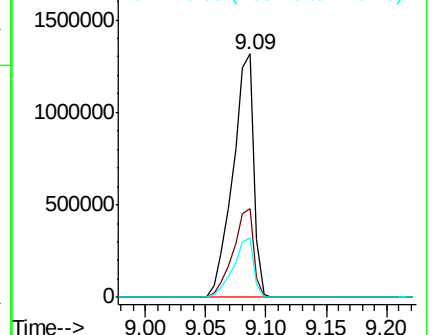
172 100

171 36.6 30.6 45.8

170 24.1 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.386 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

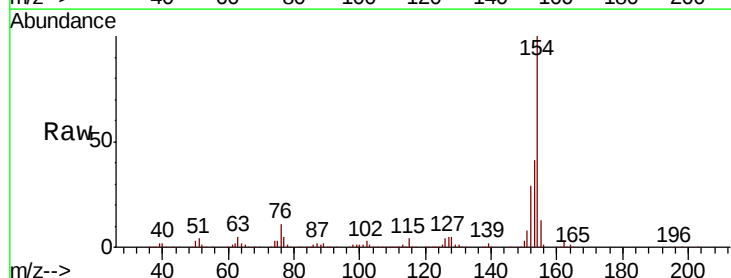
Tgt Ion:154 Resp: 928641

Ion Ratio Lower Upper

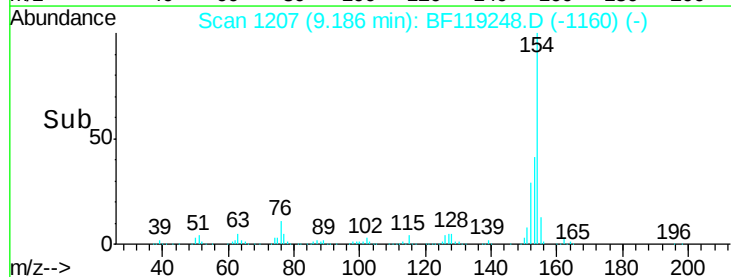
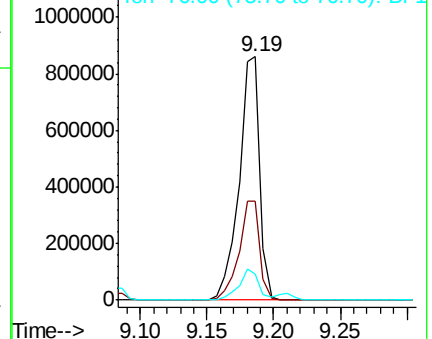
154 100

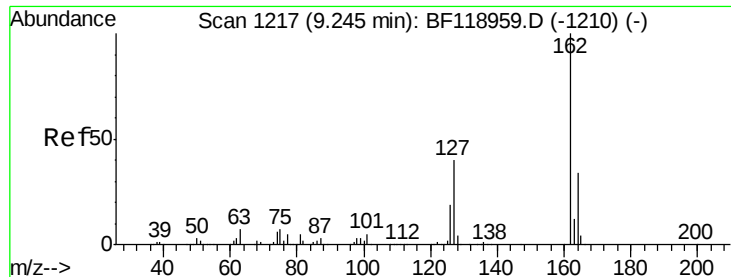
153 40.8 22.8 62.8

76 10.6 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

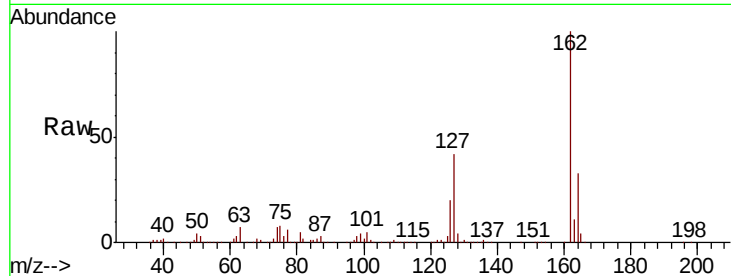




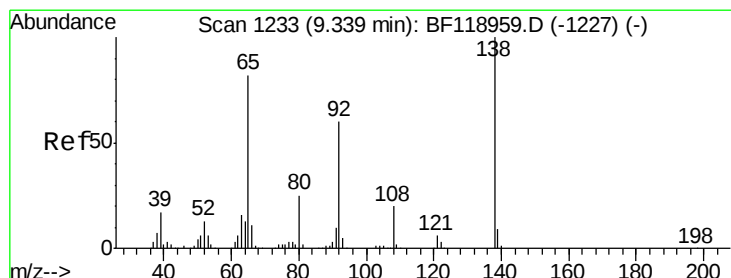
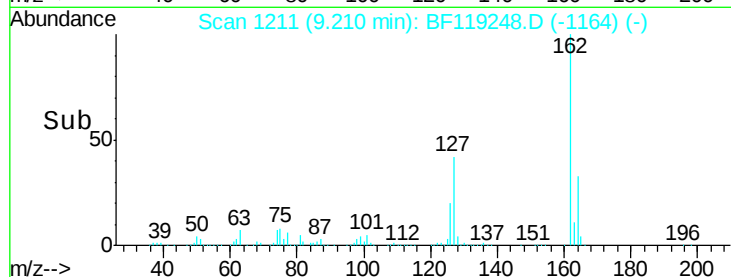
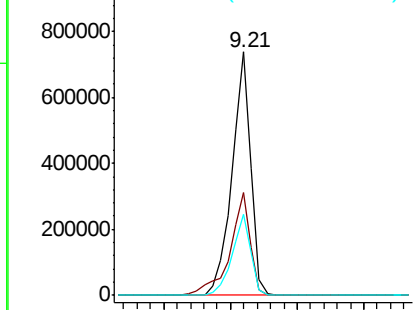
#47
 2-Chloronaphthalene
 Concen: 38.330 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	35.0	52.4
164	33.4	27.2	40.8

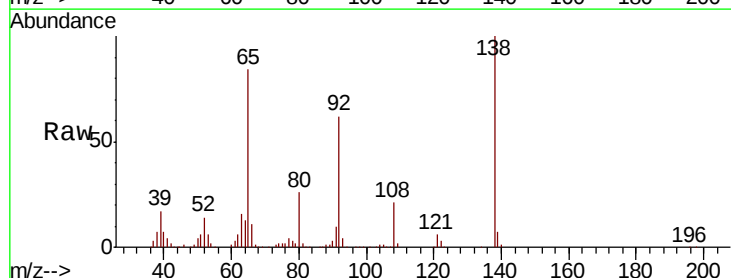


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

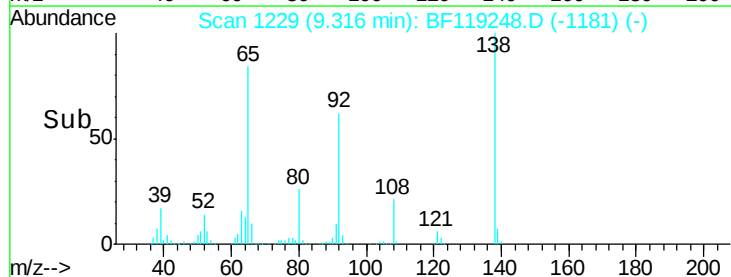
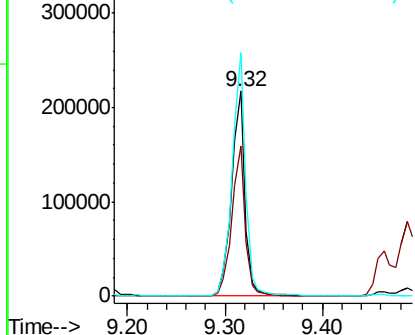


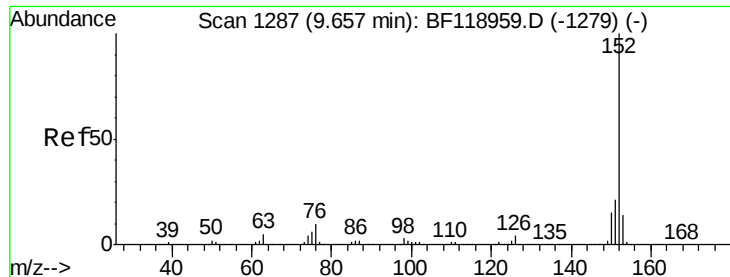
#48
 2-Nitroaniline
 Concen: 39.640 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.2	87.2
138	119.0	95.6	143.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.125 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

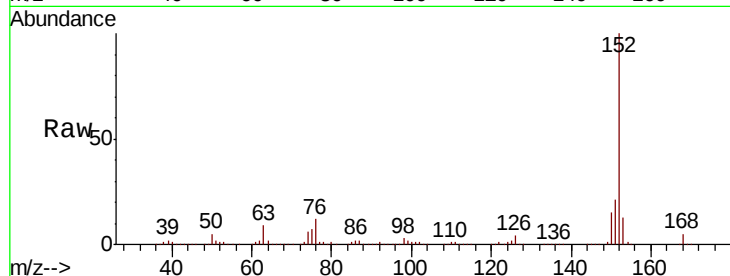
Tot Ion:152 Resp: 1101102

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

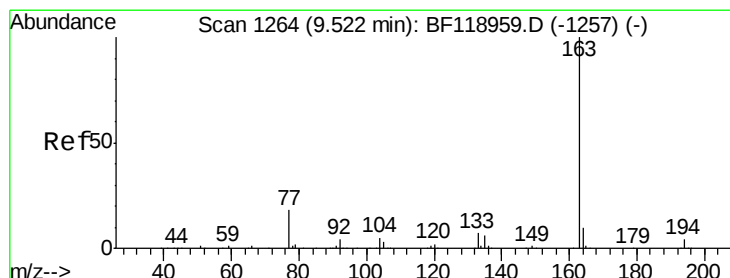
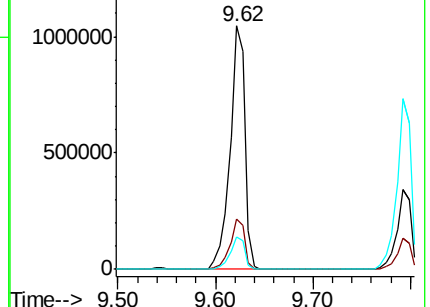
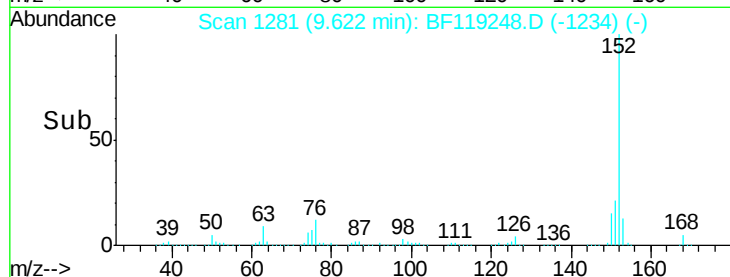
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.298 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

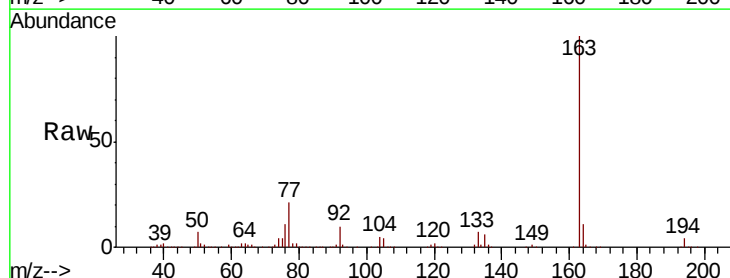
Tgt Ion:163 Resp: 988215

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

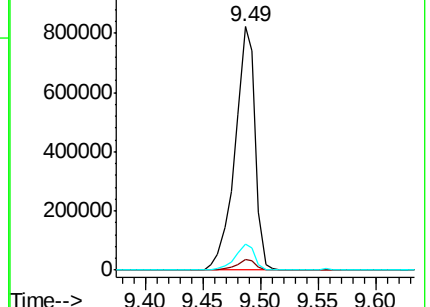
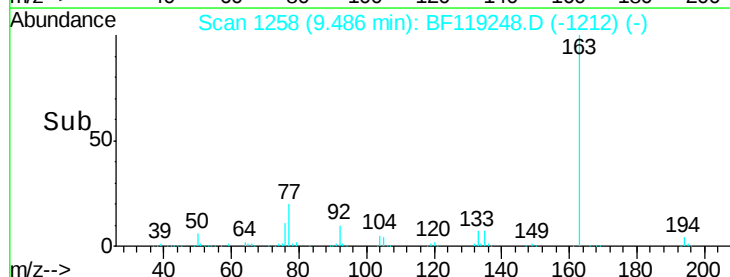
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

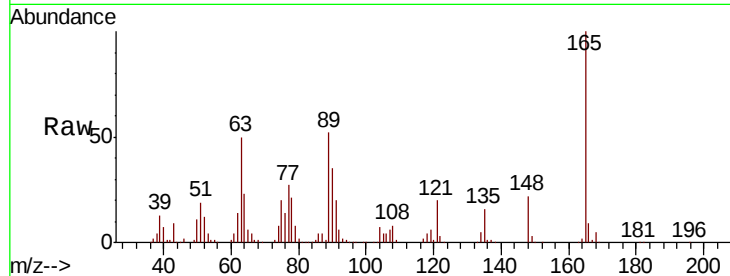




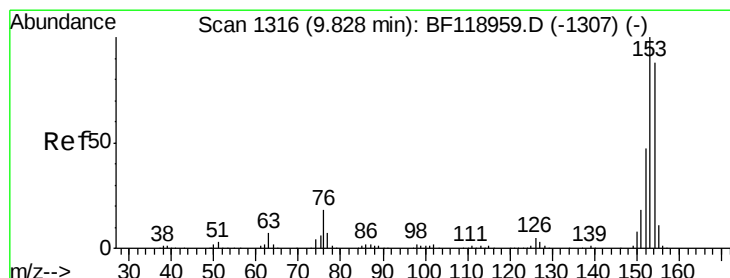
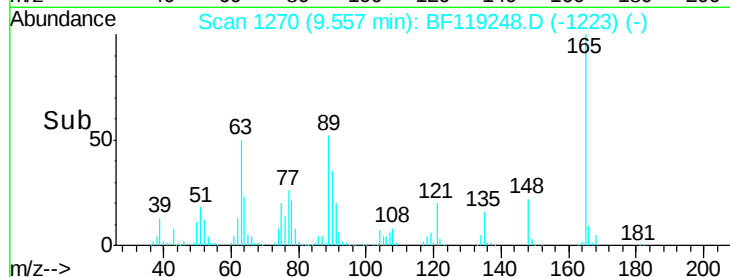
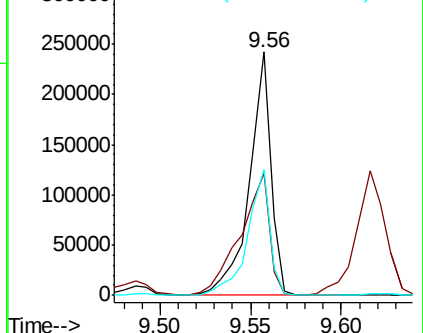
#51
 2,6-Dinitrotoluene
 Concen: 40.392 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 200194
 Ion Ratio Lower Upper
 165 100
 63 49.9 34.3 51.5
 89 51.8 38.3 57.5

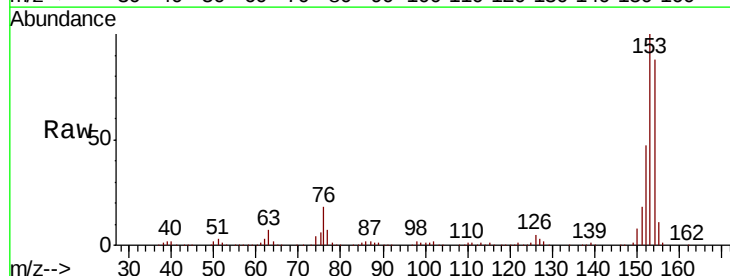


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

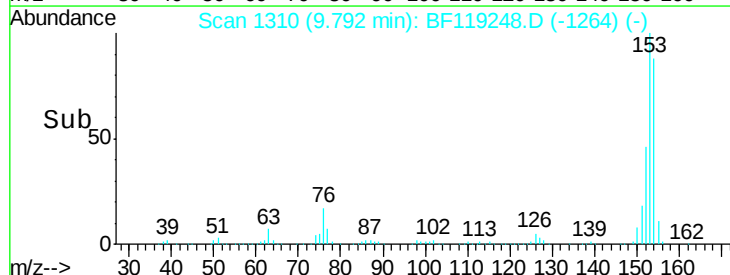
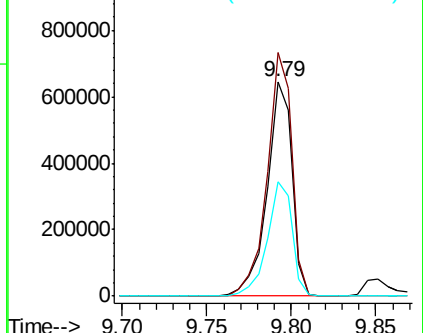


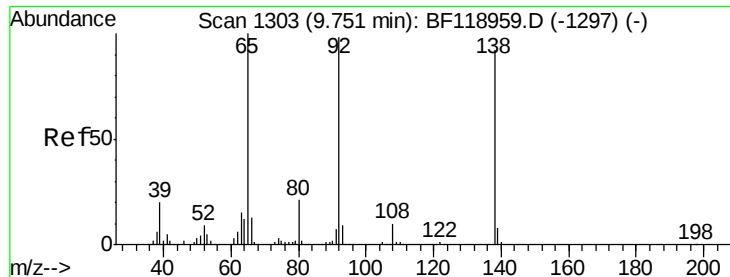
#52
 Acenaphthene
 Concen: 39.395 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:154 Resp: 651878
 Ion Ratio Lower Upper
 154 100
 153 113.7 90.3 135.5
 152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

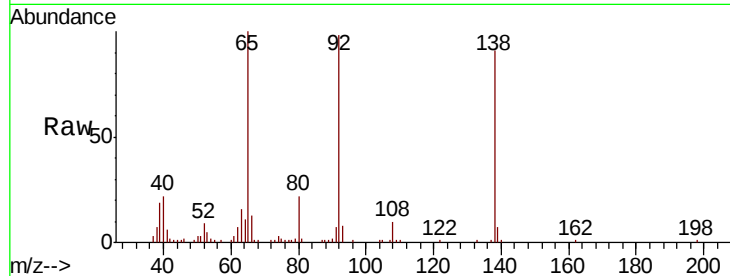




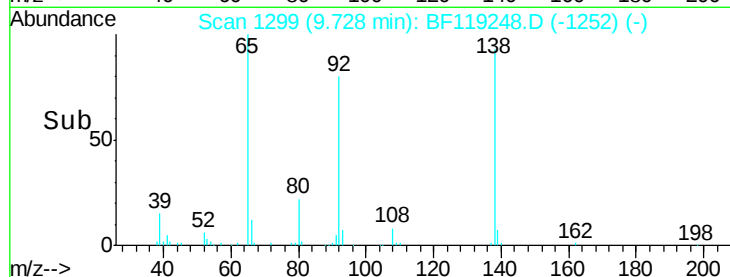
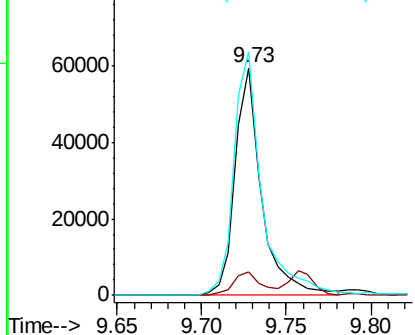
#53
3-Nitroaniline
Concen: 11.846 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 65089
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 107.0 84.8 127.2

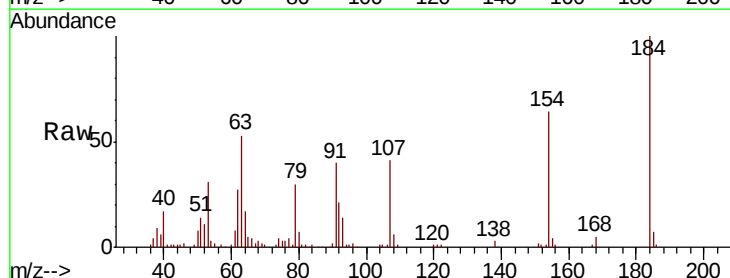


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

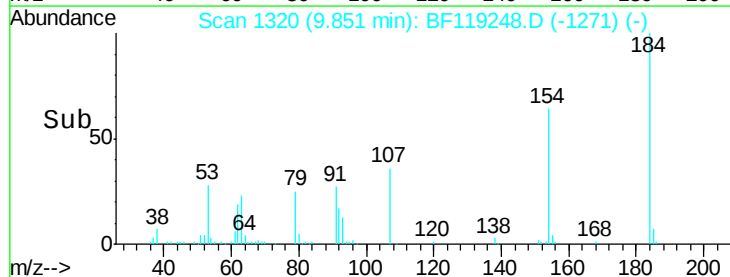
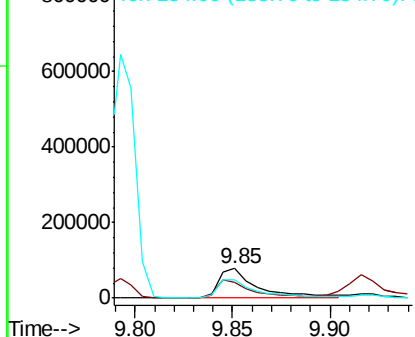


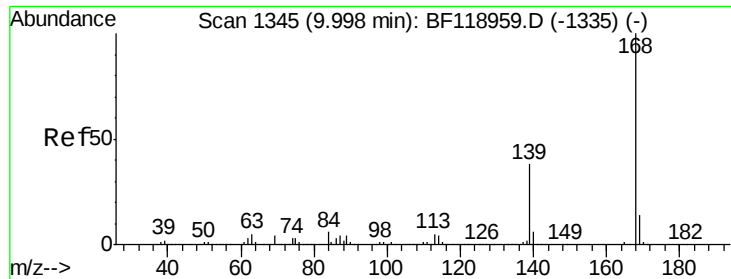
#54
2,4-Dinitrophenol
Concen: 47.924 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:184 Resp: 107476
Ion Ratio Lower Upper
184 100
63 53.1 38.7 58.1
154 63.6 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

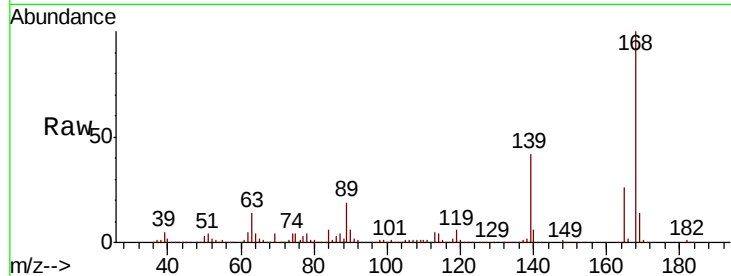




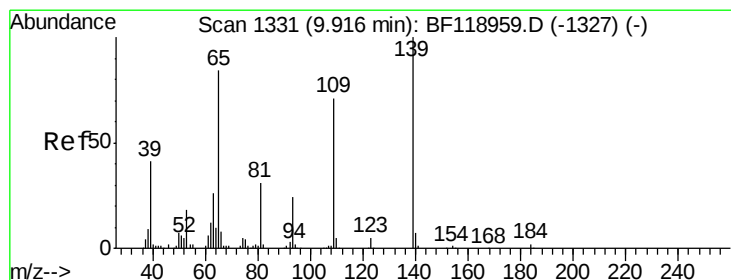
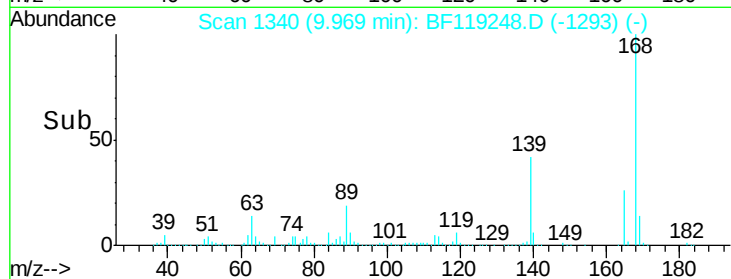
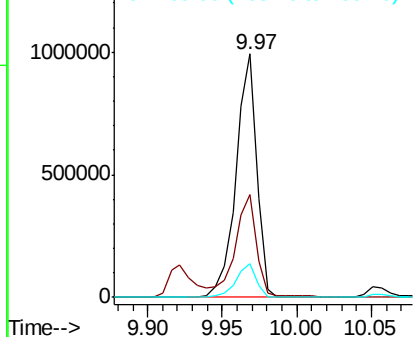
#55
Dibenzofuran
Concen: 39.151 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 966966
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0
169 13.7 11.0 16.4

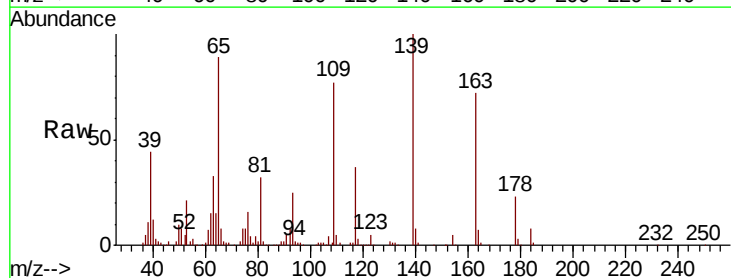


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

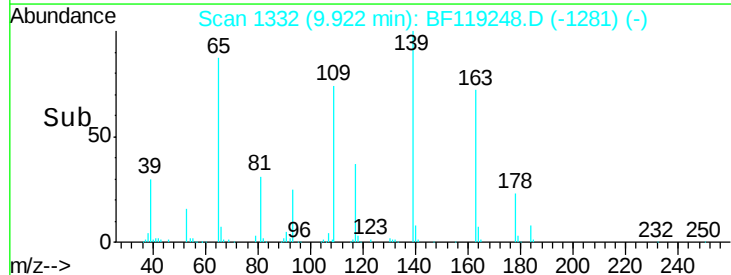
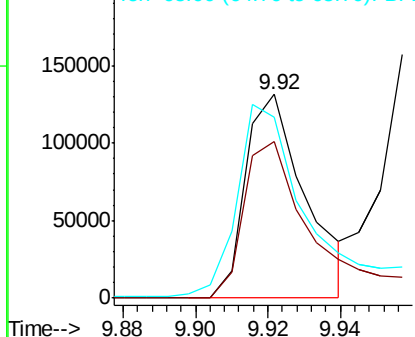


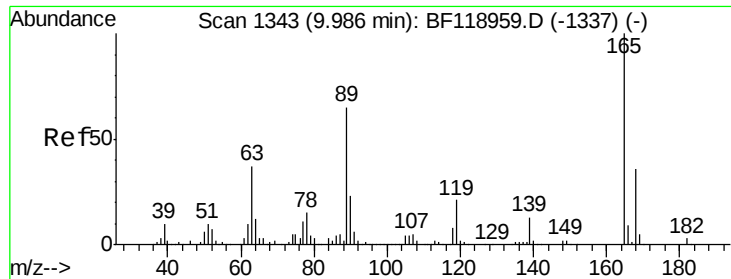
#56
4-Nitrophenol
Concen: 45.532 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:139 Resp: 150313
Ion Ratio Lower Upper
139 100
109 76.9 56.7 96.7
65 89.0 65.0 105.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

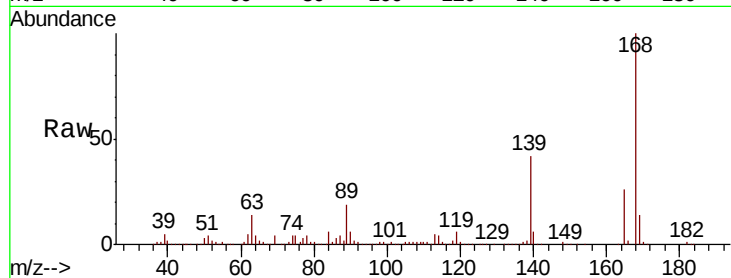




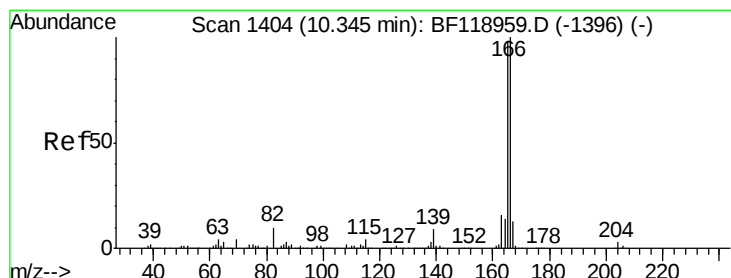
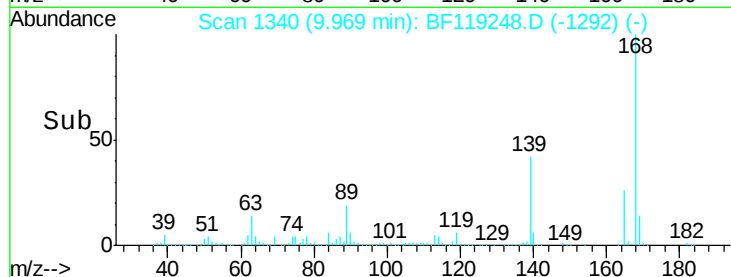
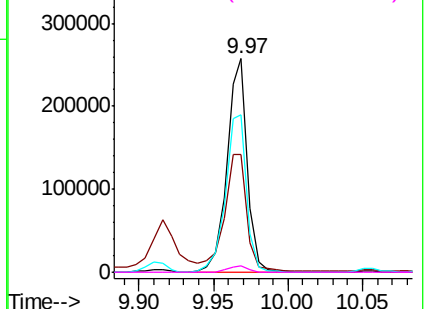
#57
 2,4-Dinitrotoluene
 Concen: 38.654 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	248323
Ion Ratio	Lower	Upper
165	100	
63	54.9	42.3 63.5
89	73.7	60.2 90.4
182	3.2	2.3 3.5

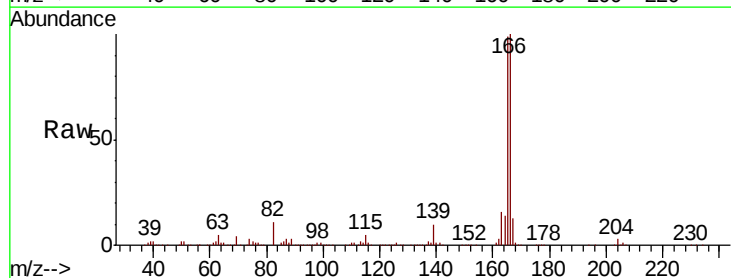


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

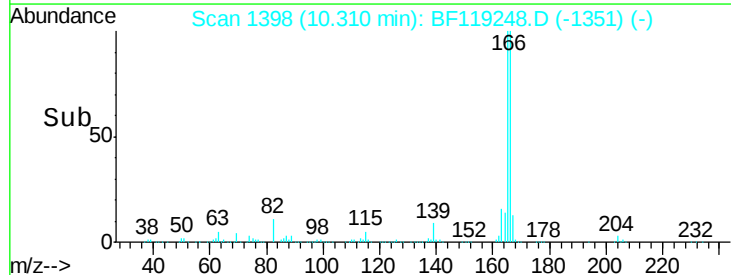
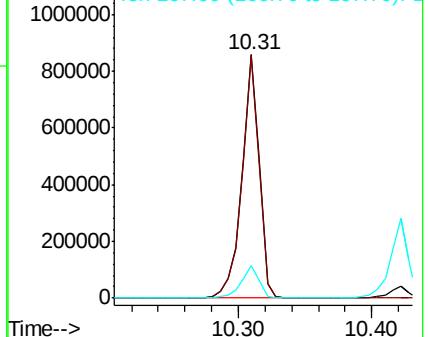


#58
 Fluorene
 Concen: 40.466 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion:166	Resp:	776608
Ion Ratio	Lower	Upper
166	100	
165	99.5	78.5 117.7
167	13.5	11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

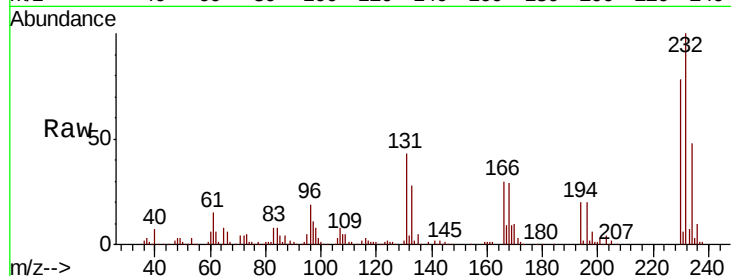




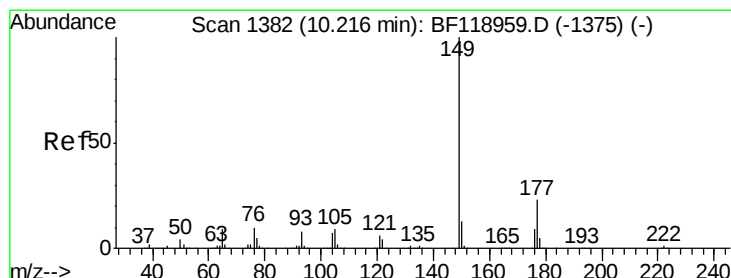
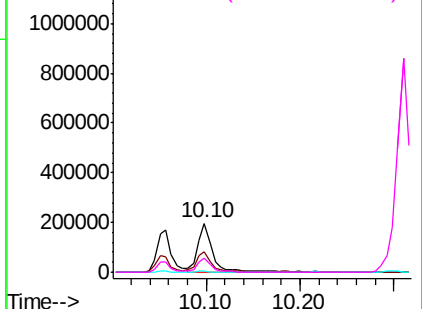
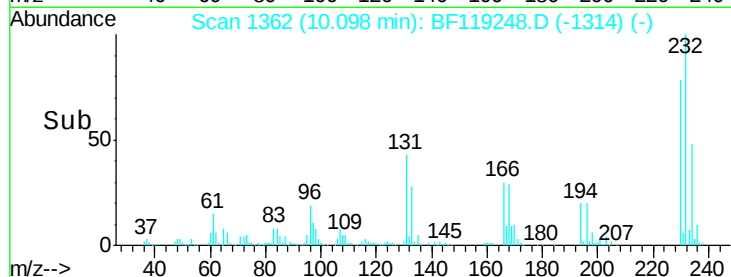
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.073 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	33.8	50.8
130	2.5	1.8	2.6
166	29.0	23.0	34.4

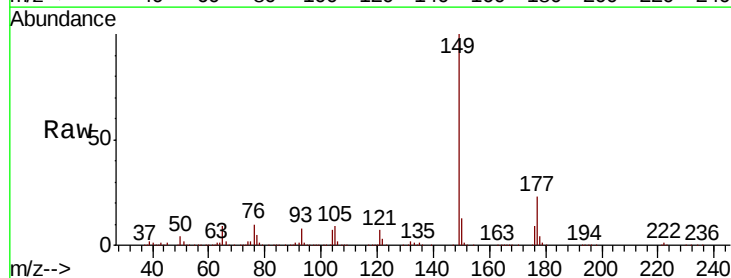


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

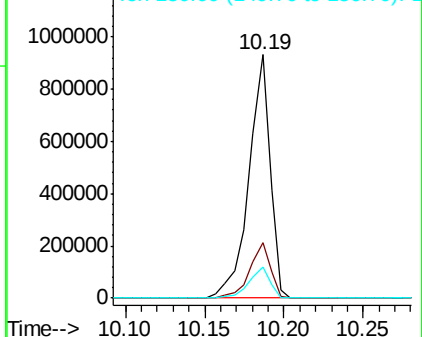
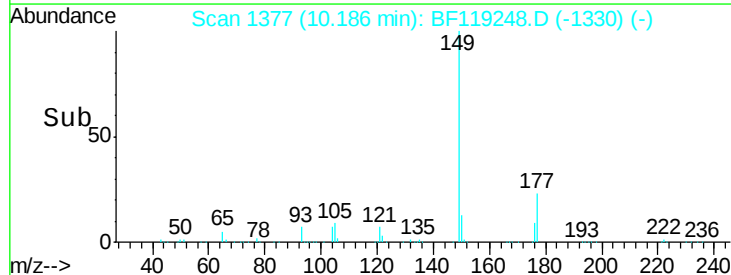


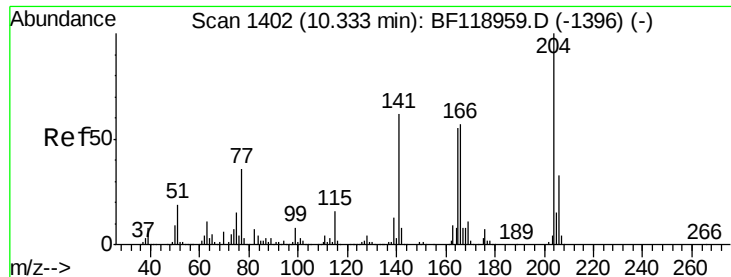
#60
Diethylphthalate
Concen: 41.136 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.8	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

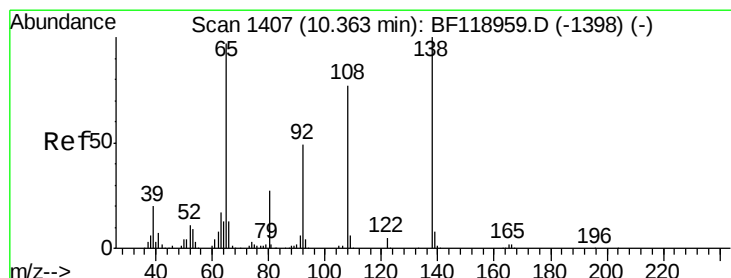
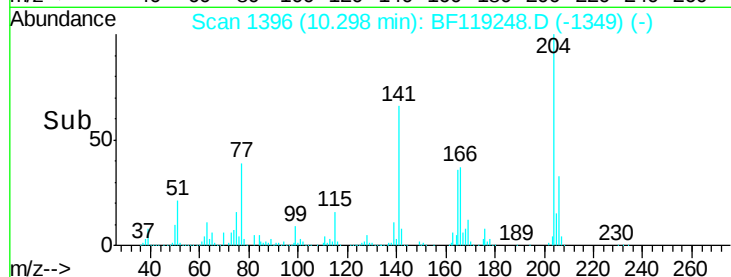
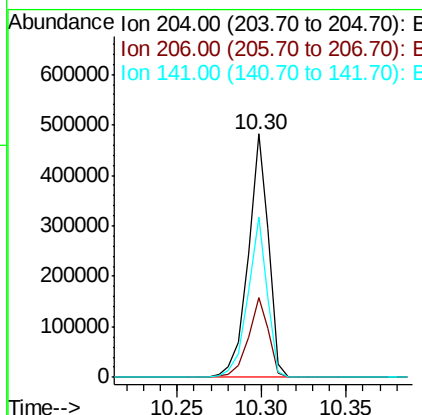
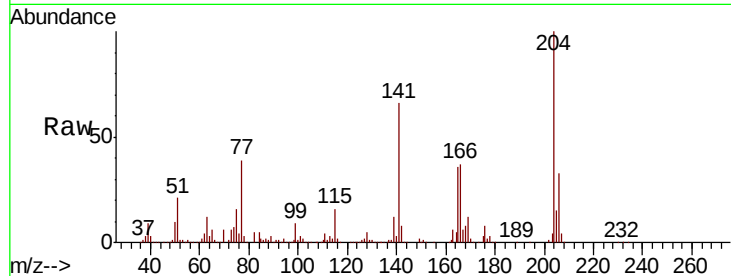




#61
4-Chlorophenyl-phenylether
Concen: 39.948 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

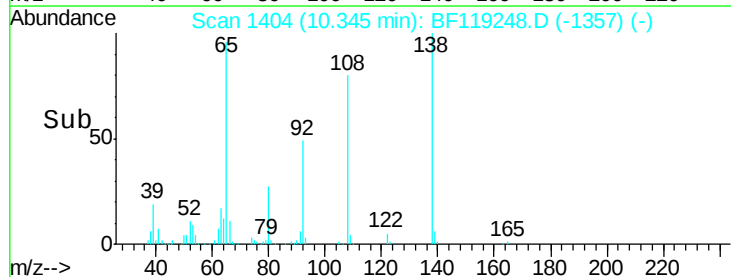
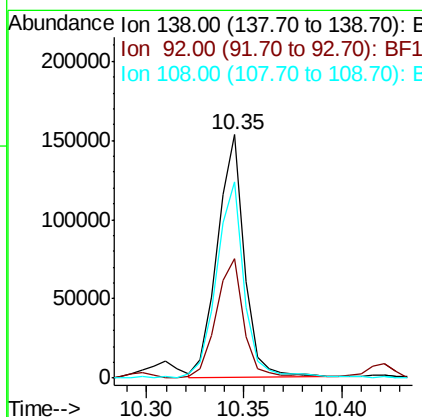
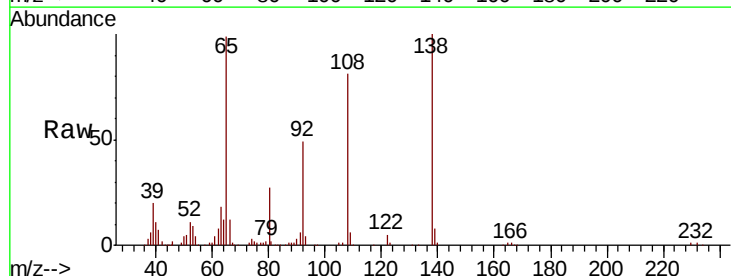
Instrument :
BNA_F
ClientSampleId :

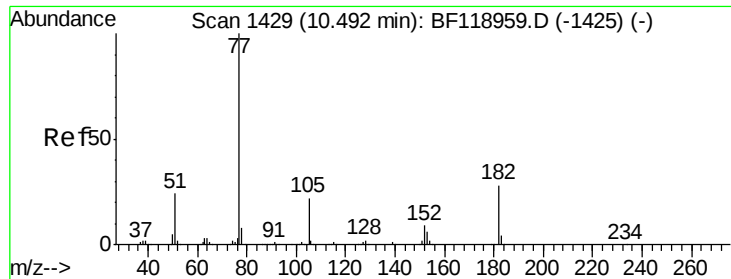
Tot Ion:204 Resp: 405814
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 66.1 52.9 79.3



#62
4-Nitroaniline
Concen: 25.947 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:138 Resp: 145864
Ion Ratio Lower Upper
138 100
92 49.2 27.3 67.3
108 80.6 57.0 97.0





#63

Azobenzene

Concen: 40.498 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 740034

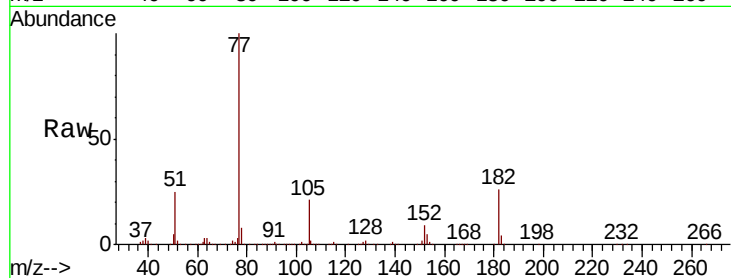
Ion Ratio Lower Upper

77 100

182 26.3 11.4 51.4

105 21.4 3.4 43.4

51 25.1 5.1 45.1

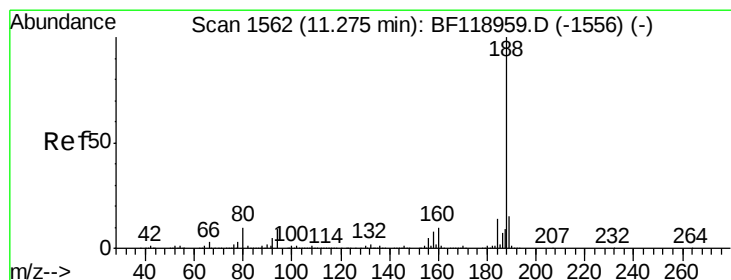
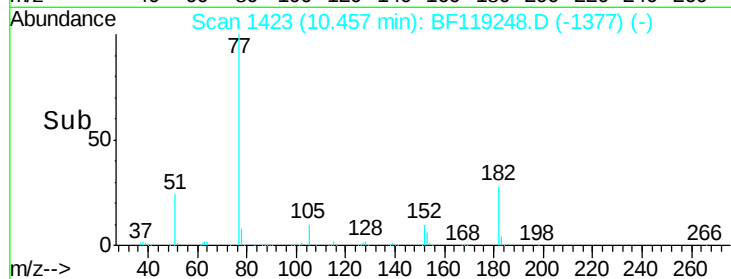
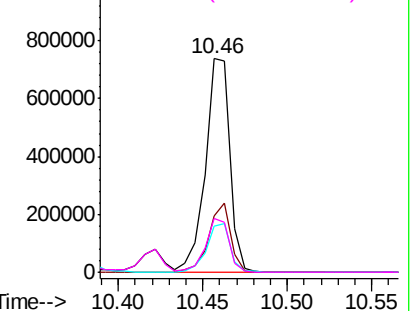


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

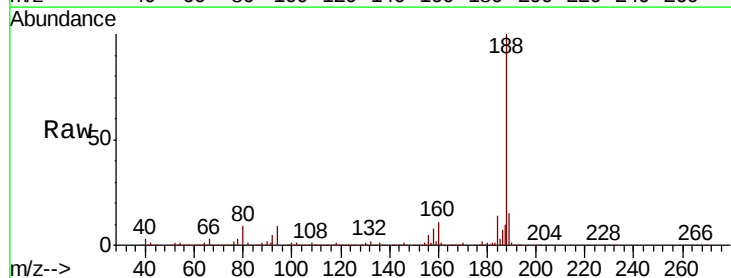
Tgt Ion: 188 Resp: 481896

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

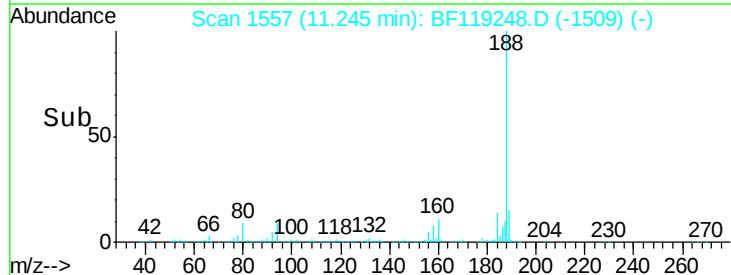
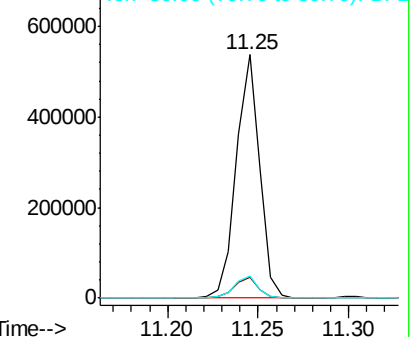
80 9.1 7.8 11.8

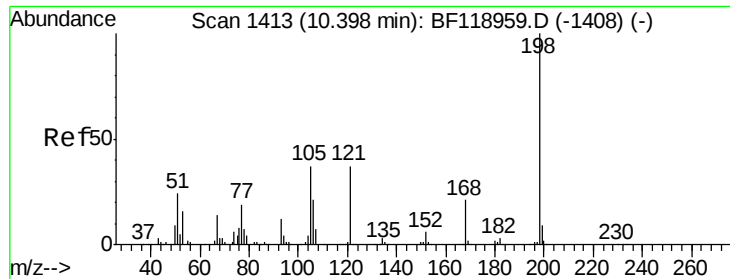


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

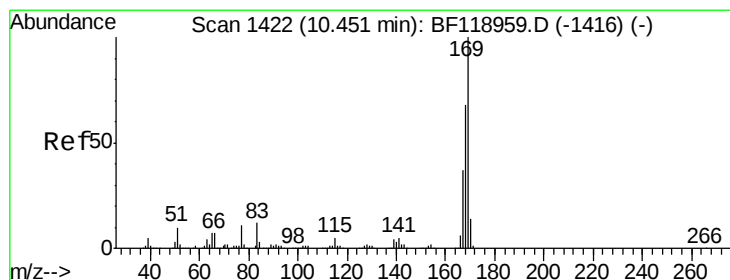
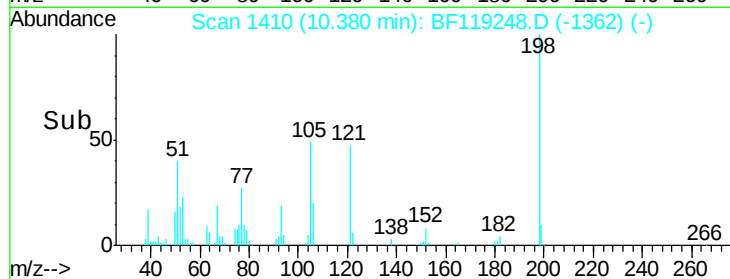
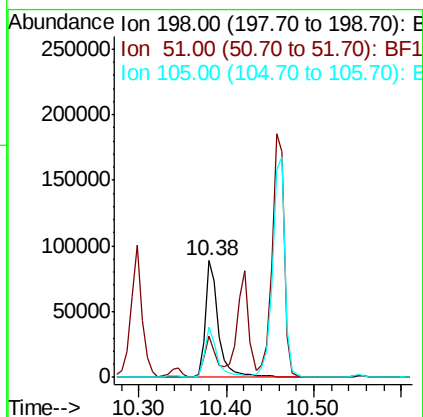
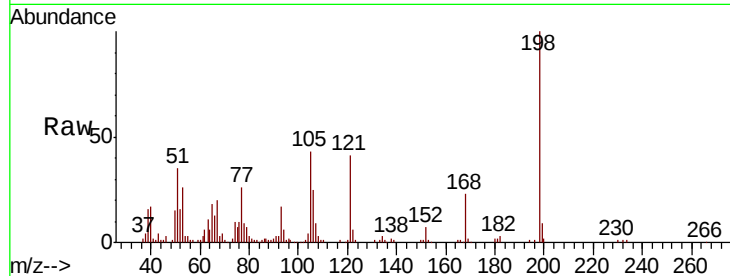




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.756 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

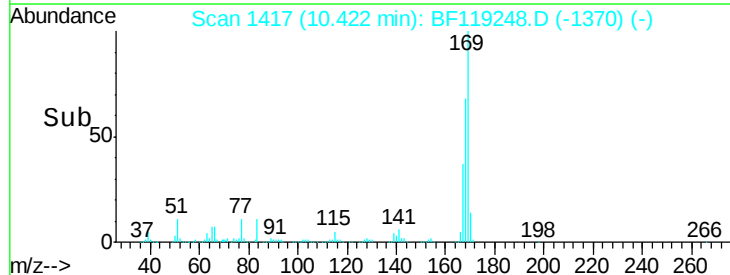
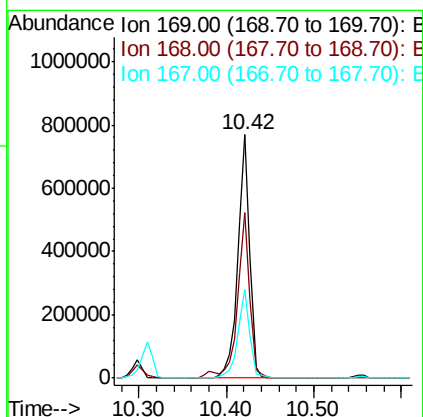
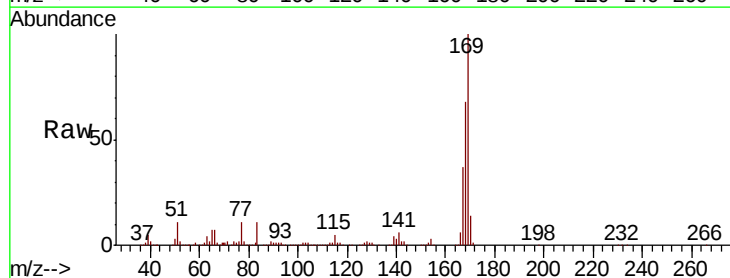
Instrument :
 BNA_F
 ClientSampleId :

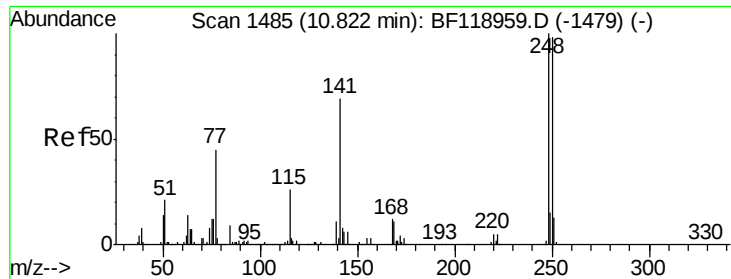
Tot Ion	198	Resp	92600
Ion Ratio	100	Lower	Upper
51	35.2	14.2	54.2
105	42.7	22.7	62.7



#66
 n-Nitrosodiphenylamine
 Concen: 44.592 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion	169	Resp	703612
Ion Ratio	100	Lower	Upper
168	68.0	54.1	81.1
167	36.7	29.4	44.0

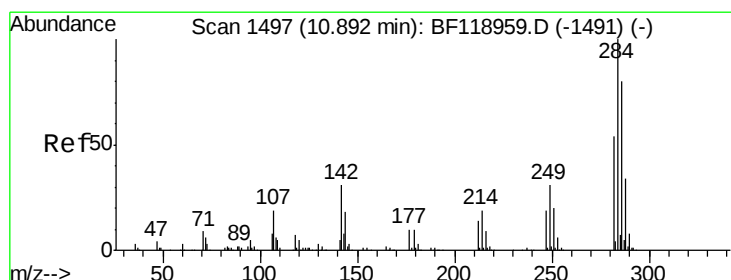
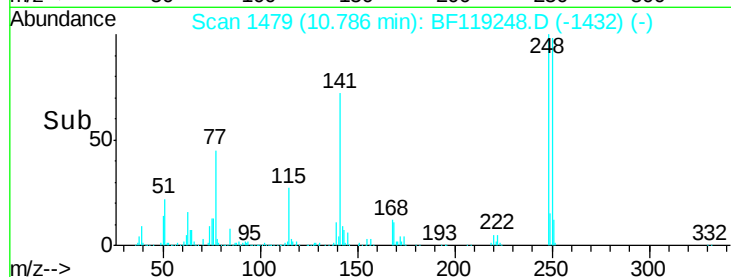
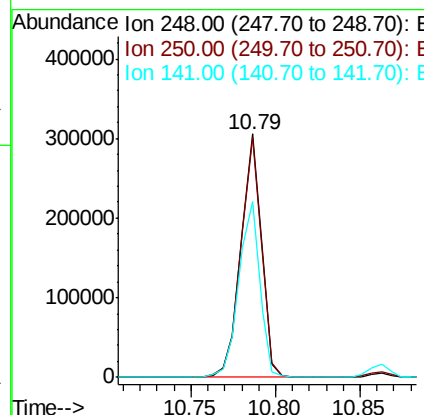
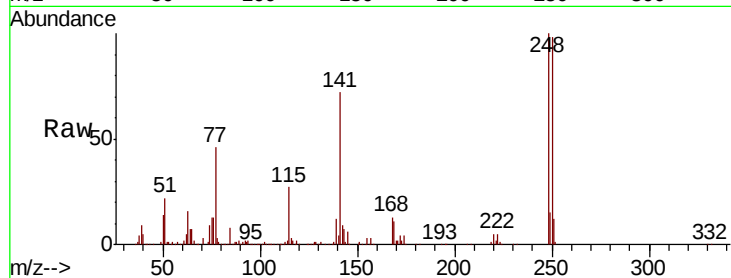




#67
4-Bromophenyl-phenylether
Concen: 40.994 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

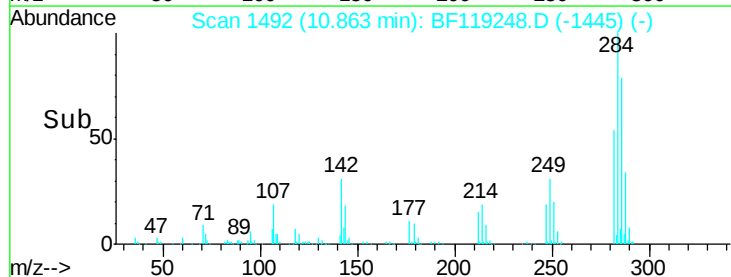
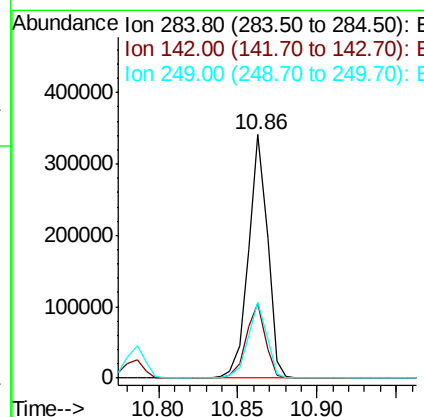
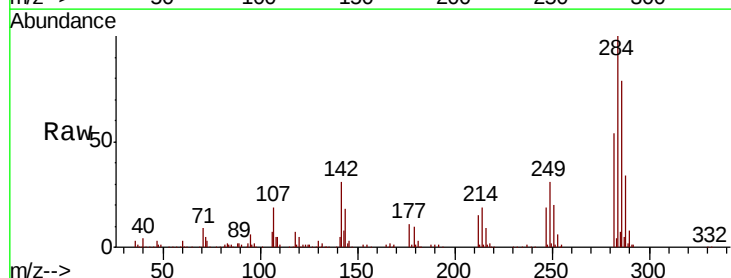
Instrument :
BNA_F
ClientSampleId :

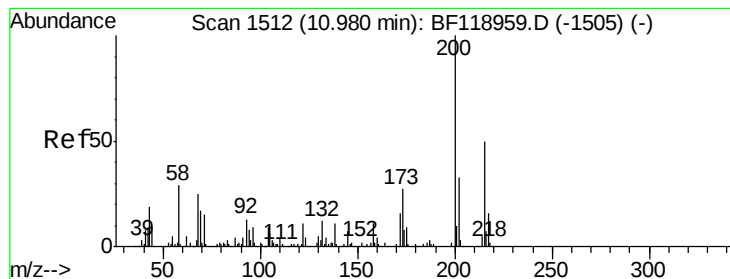
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.7	115.1
141	72.0	60.7	91.1



#68
Hexachlorobenzene
Concen: 38.990 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	23.7	35.5
249	31.2	25.0	37.6





#69

Atrazine

Concen: 39.833 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

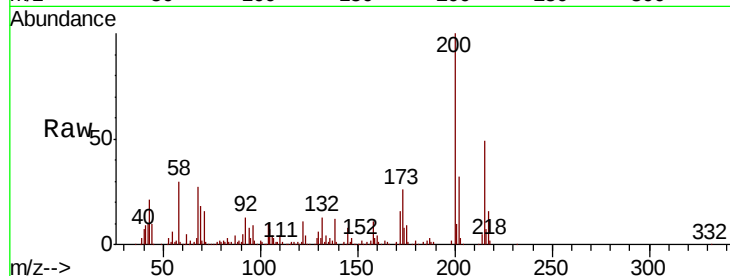
Tot Ion:200 Resp: 219602

Ion Ratio Lower Upper

200 100

173 25.6 6.4 46.4

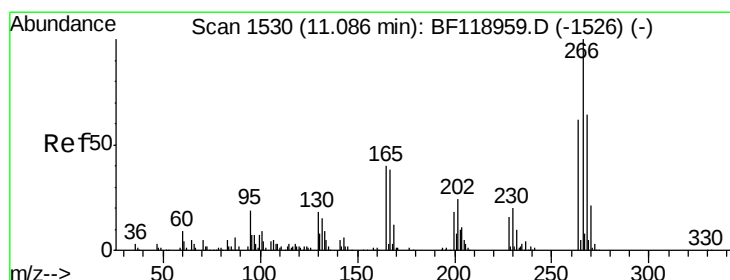
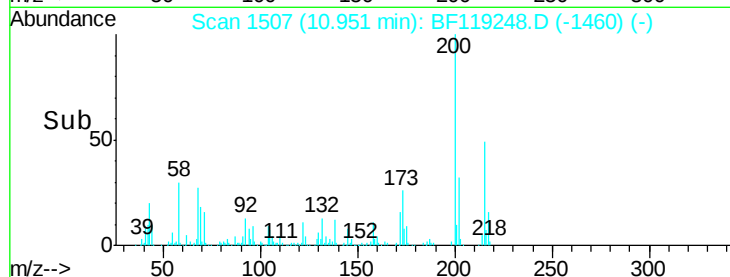
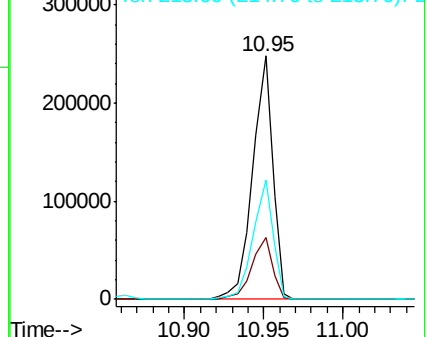
215 49.1 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.234 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

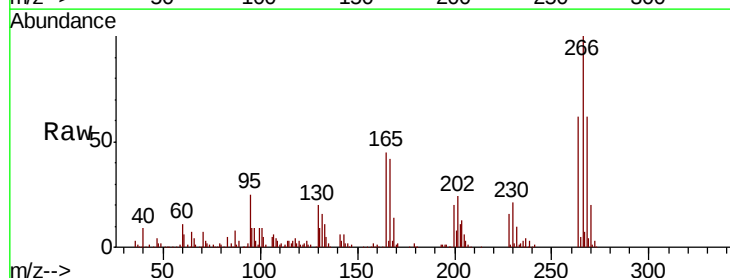
Tgt Ion:266 Resp: 214245

Ion Ratio Lower Upper

266 100

268 61.5 51.9 77.9

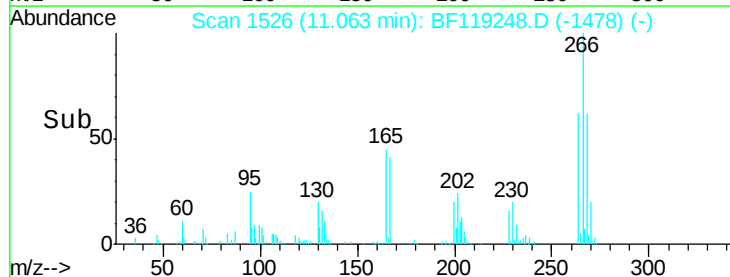
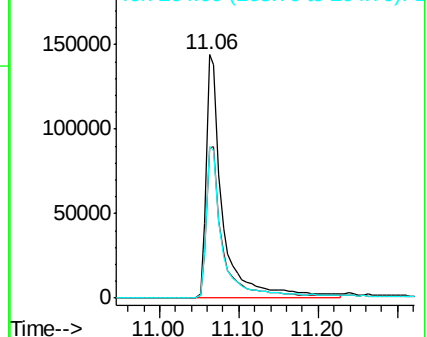
264 62.4 51.0 76.4

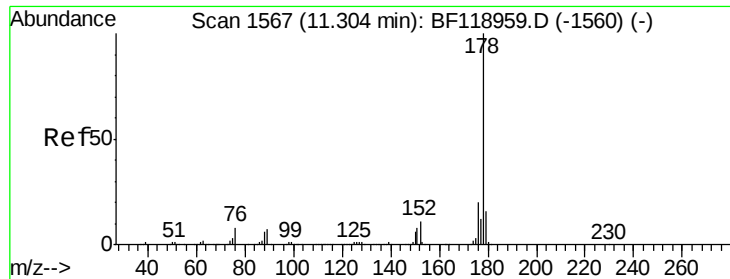


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

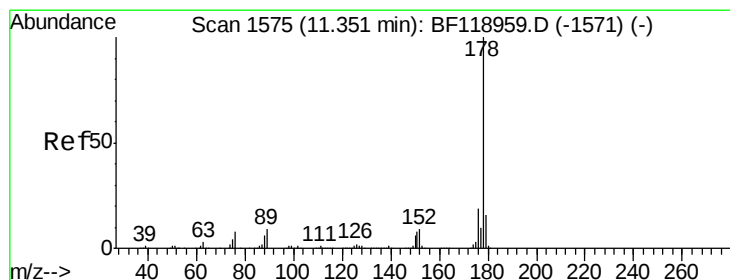
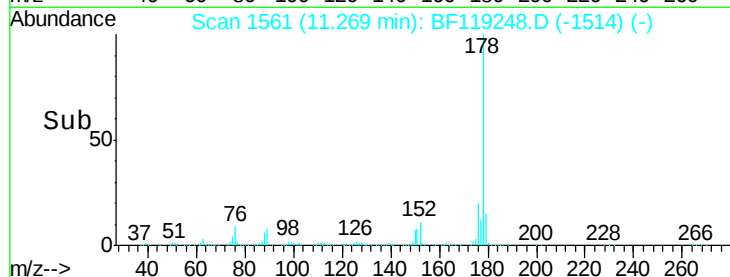
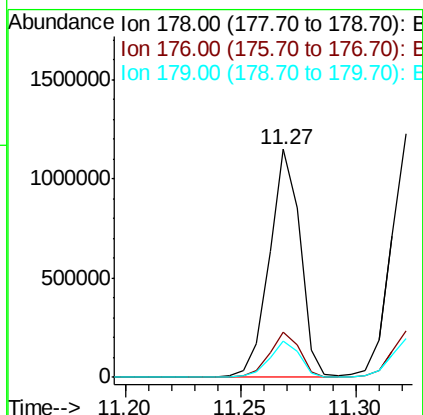
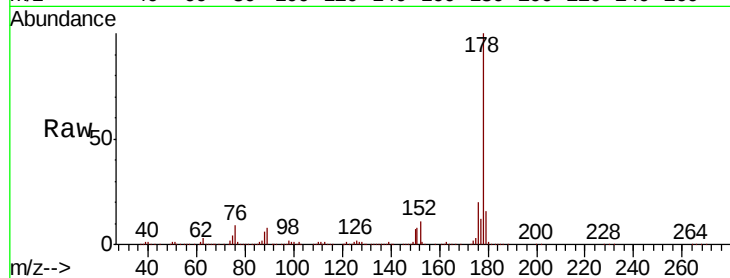




#71
Phenanthrene
Concen: 40.355 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

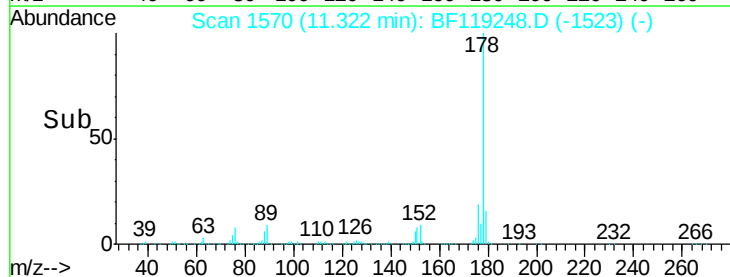
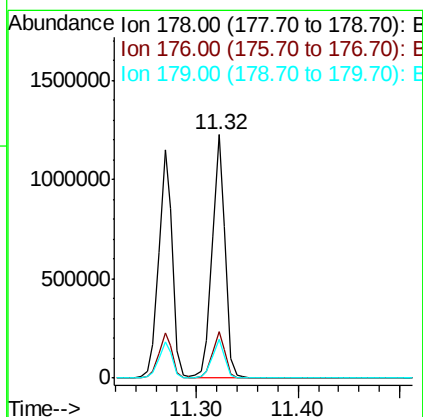
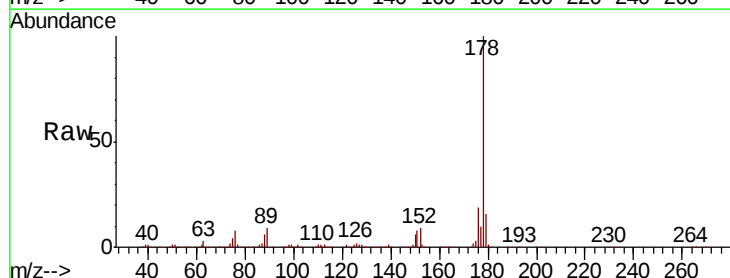
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1060550
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.6 13.0 19.6



#72
Anthracene
Concen: 41.364 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:178 Resp: 1086141
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.1 13.1 19.7

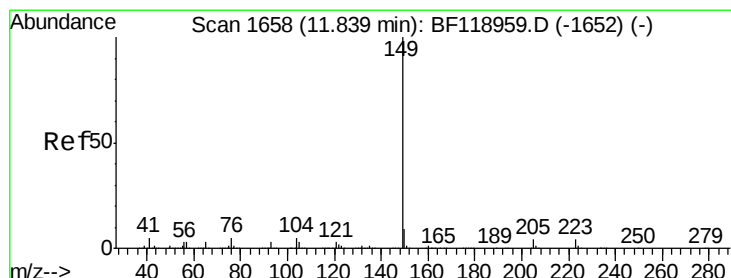
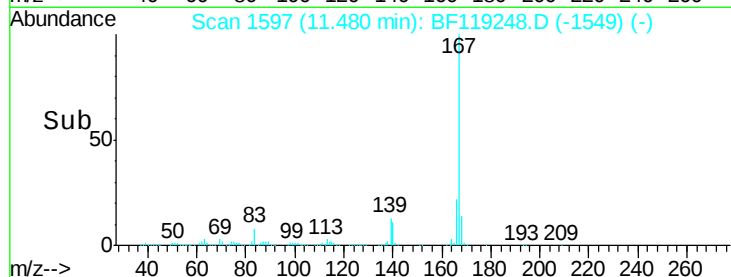
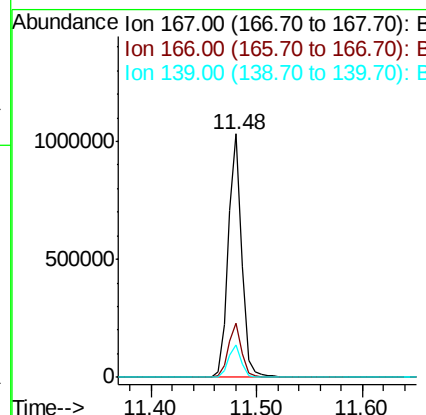
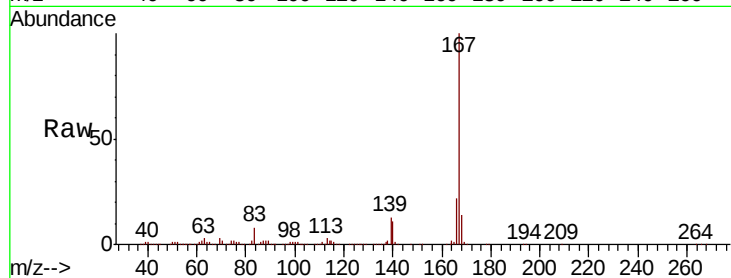




#73
 Carbazole
 Concen: 39.195 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

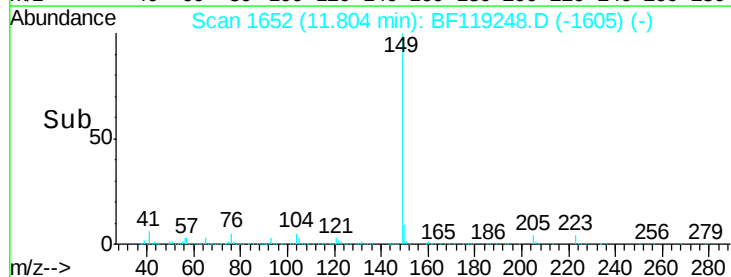
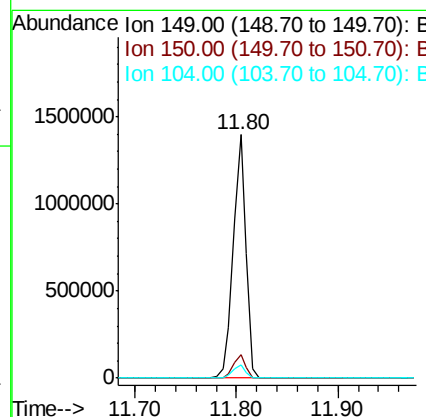
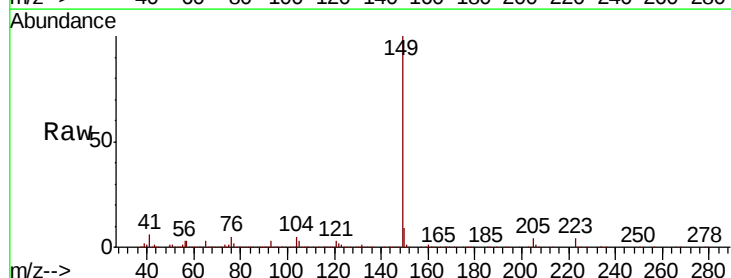
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.5	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 43.010 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	5.3	4.6	6.8

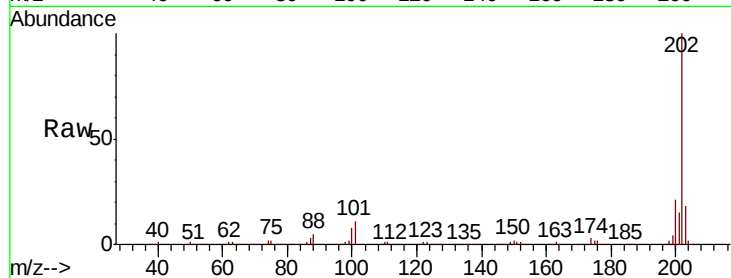




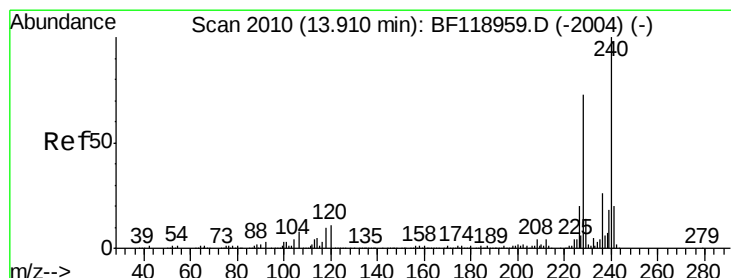
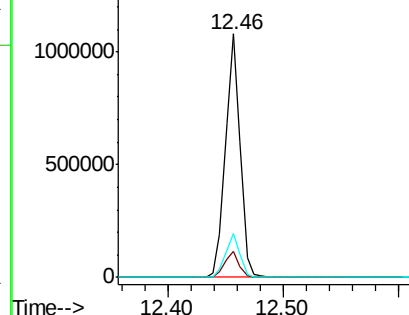
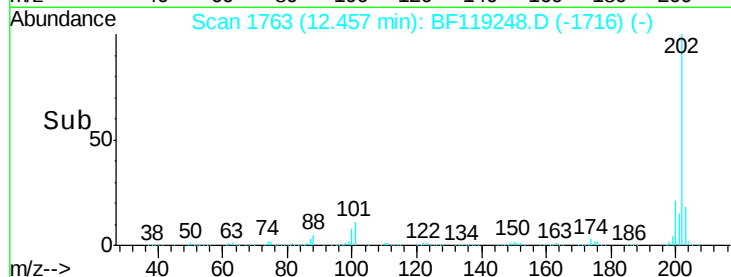
#75
Fluoranthene
 Concen: 33.988 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	18.1	0.0	38.4

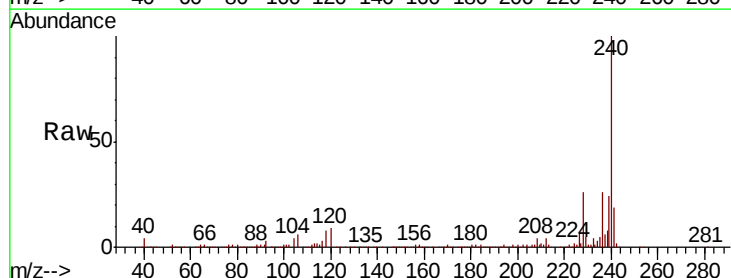


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

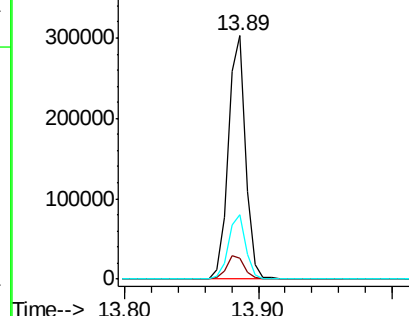
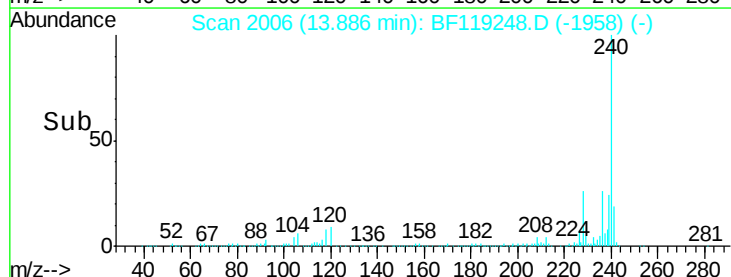


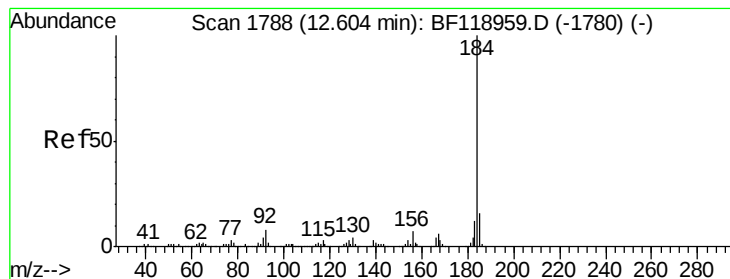
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.4	12.6
236	26.2	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.933 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

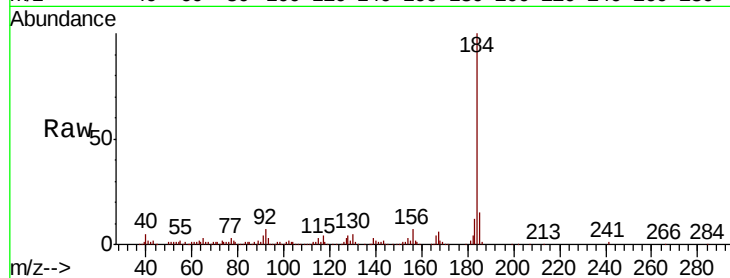
Tot Ion:184 Resp: 258533

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.4
183	12.1	9.9	14.9

184 100

185 15.2 12.2 18.4

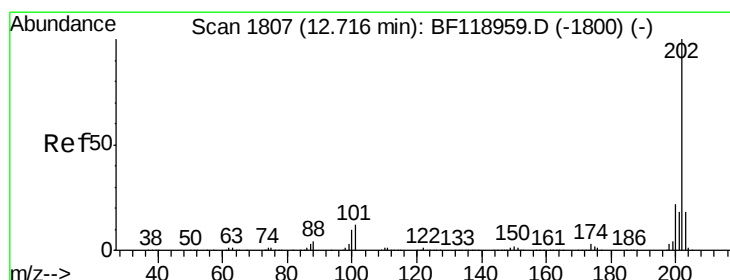
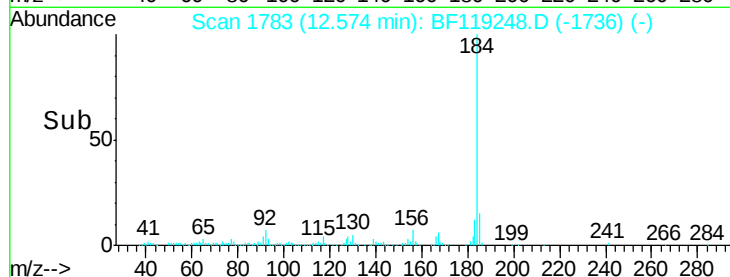
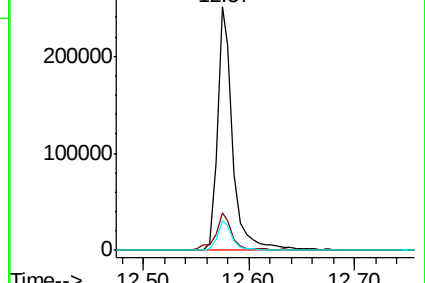
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.461 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

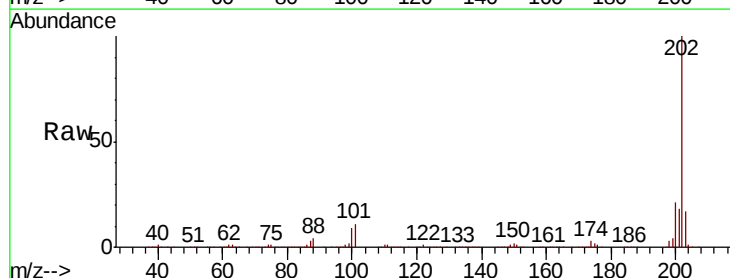
Tgt Ion:202 Resp: 922861

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	17.3	14.6	22.0

202 100

200 21.5 18.0 27.0

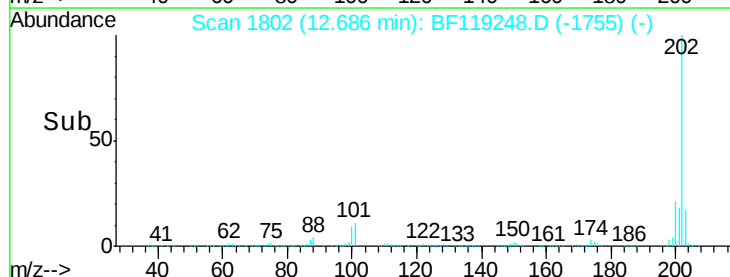
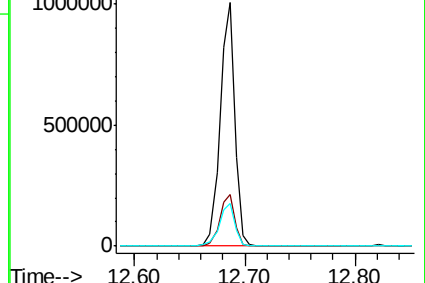
203 17.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.576 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

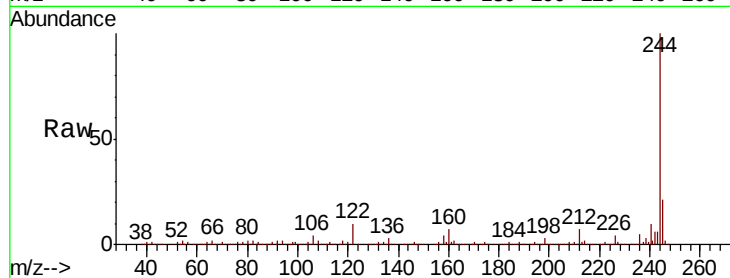
Tot Ion:244 Resp: 1377813

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

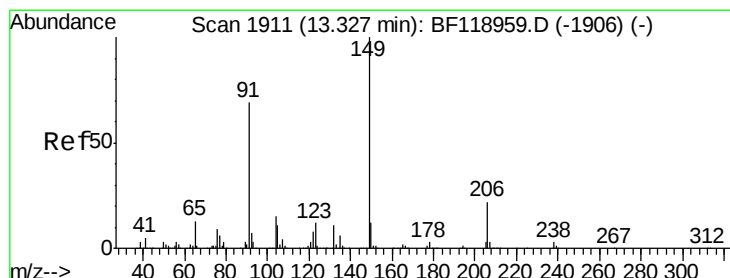
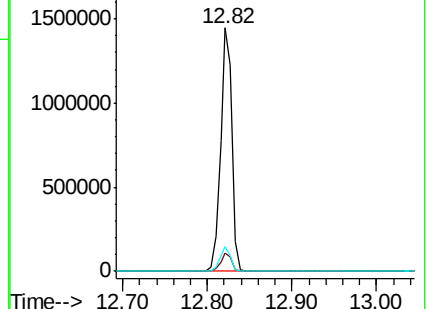
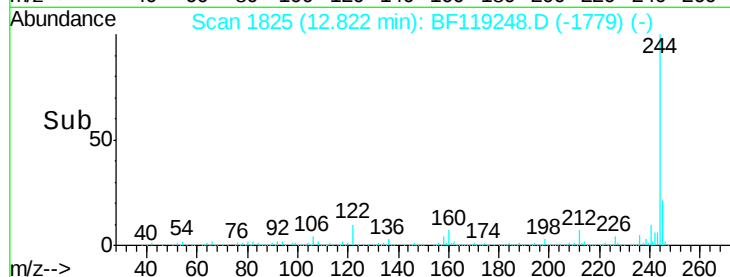
122 10.4 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.753 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.03 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

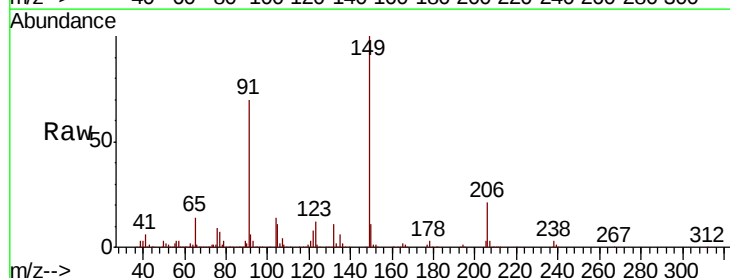
Tgt Ion:149 Resp: 400512

Ion Ratio Lower Upper

149 100

91 69.6 52.3 78.5

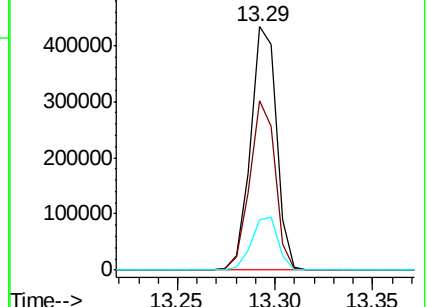
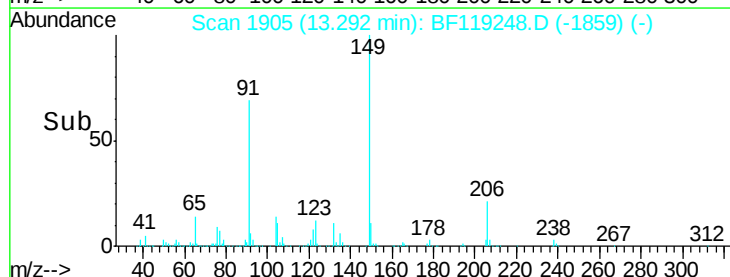
206 20.9 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.728 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

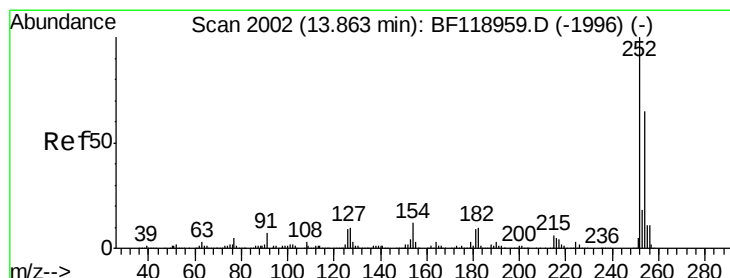
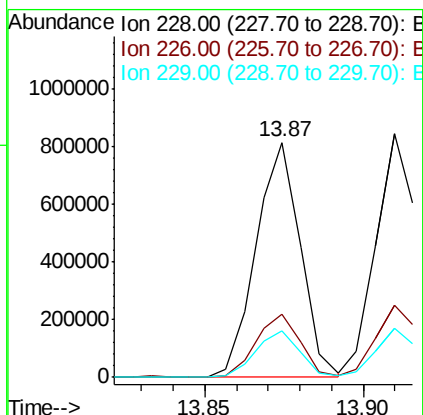
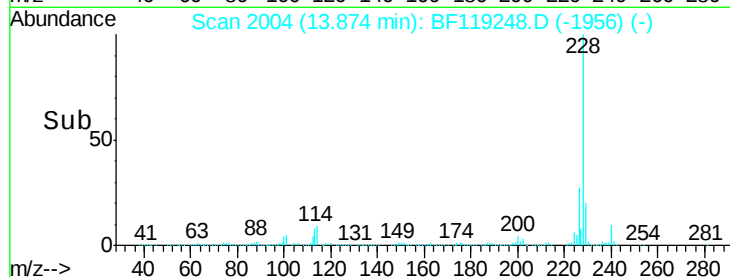
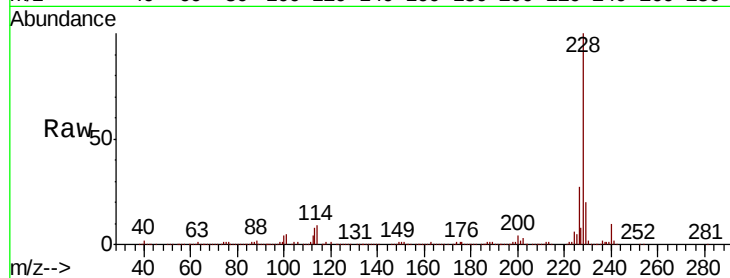
Tot Ion:228 Resp: 788140

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

229 19.6 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 29.764 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

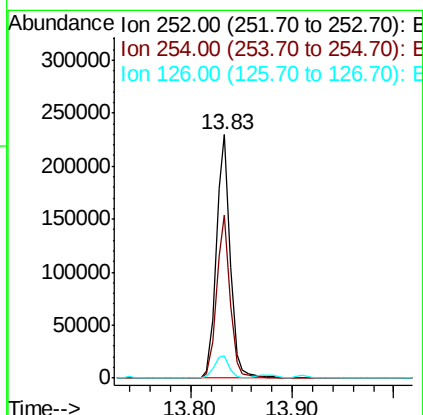
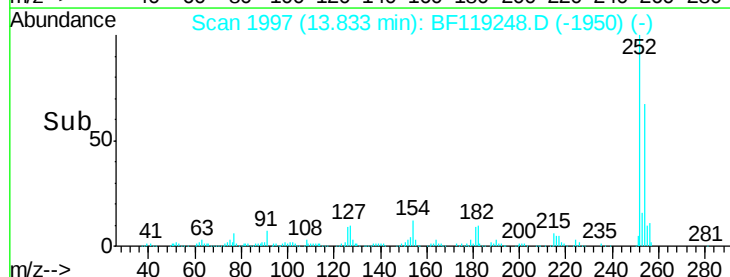
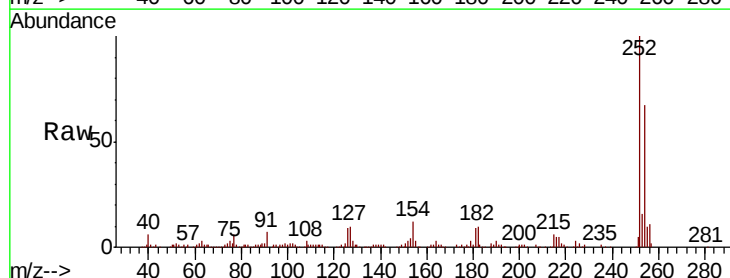
Tgt Ion:252 Resp: 218289

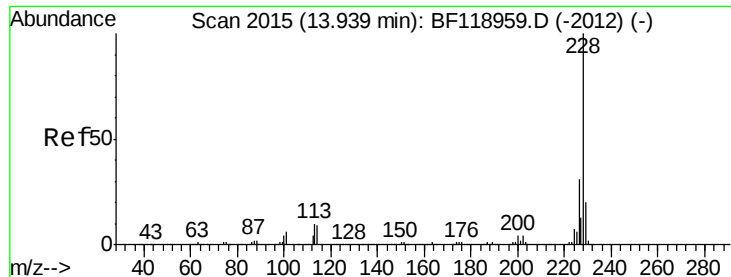
Ion Ratio Lower Upper

252 100

254 66.9 51.6 77.4

126 9.3 7.4 11.0

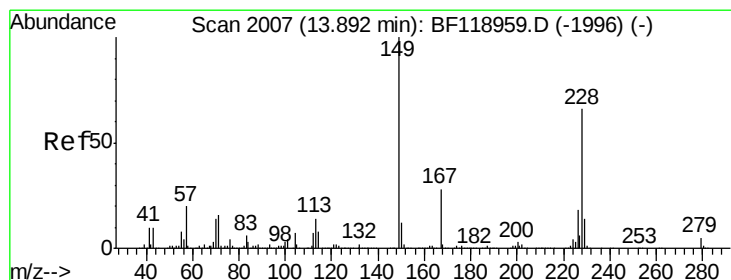
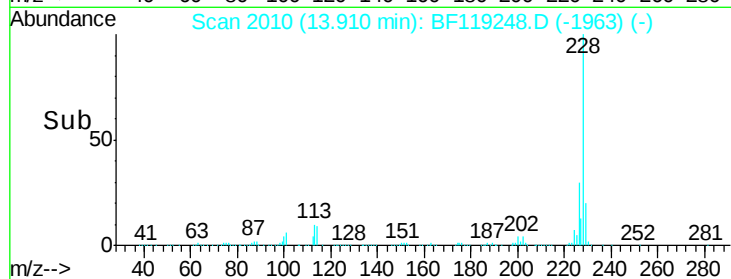
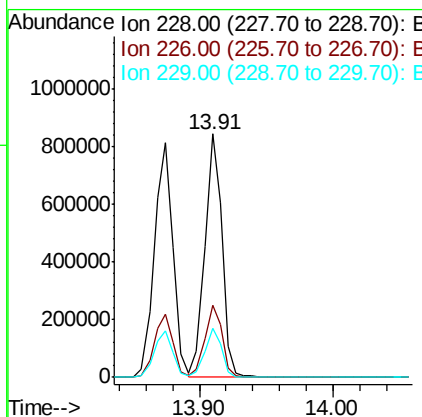
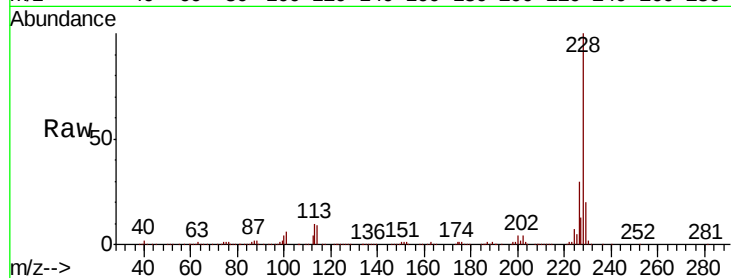




#83
 Chrysene
 Concen: 39.904 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

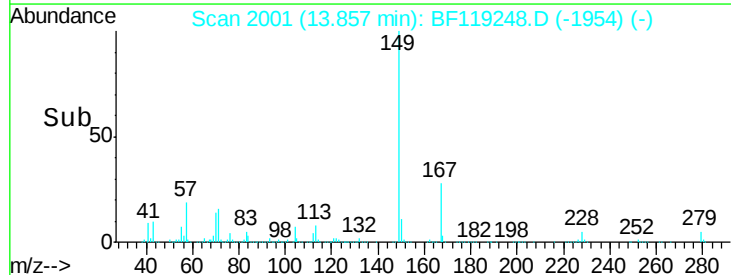
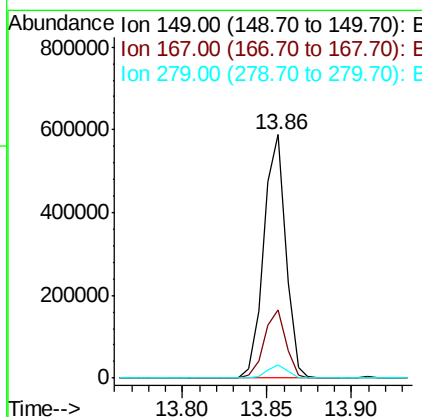
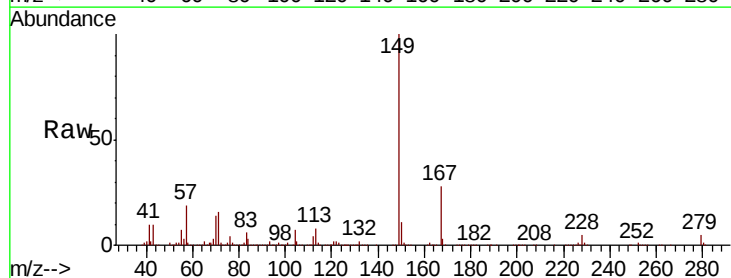
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	20.1	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.214 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF119248.D
 Acq: 6 Mar 2020 9:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	5.4	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 45.897 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

Instrument :

BNA_F

ClientSampleId :

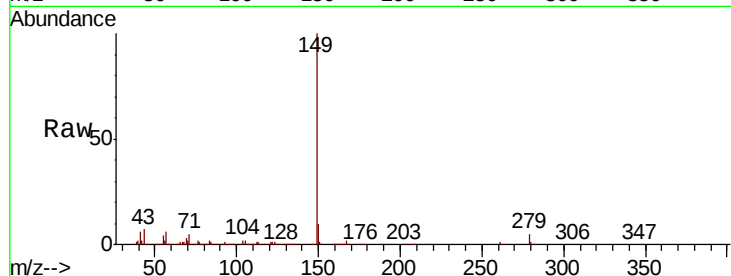
Tot Ion:149 Resp: 865485

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

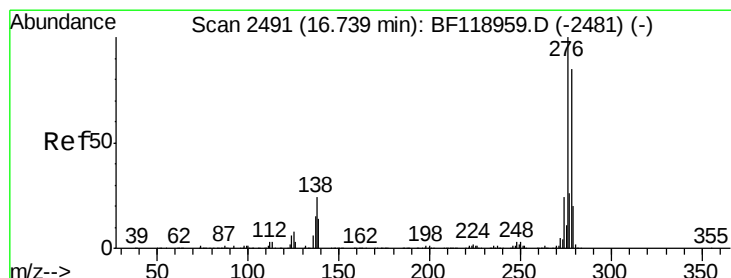
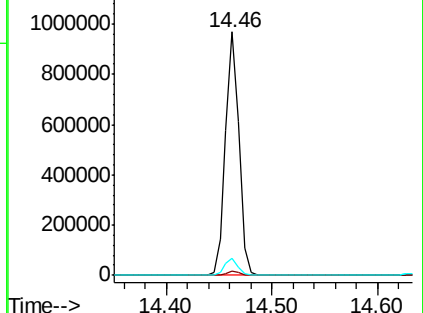
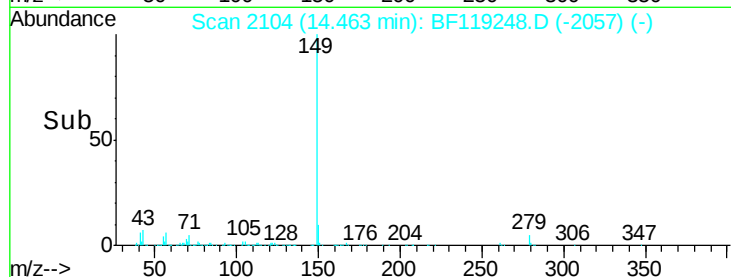
43 6.5 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.416 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119248.D

Acq: 6 Mar 2020 9:42

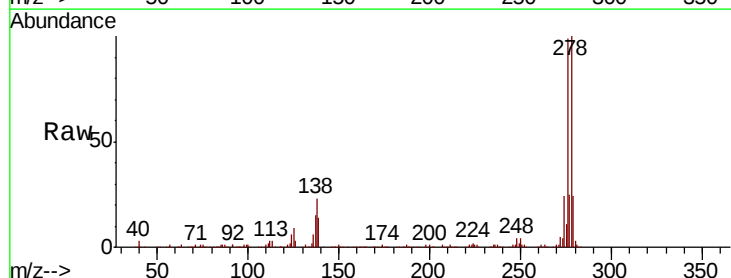
Tgt Ion:276 Resp: 864037

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

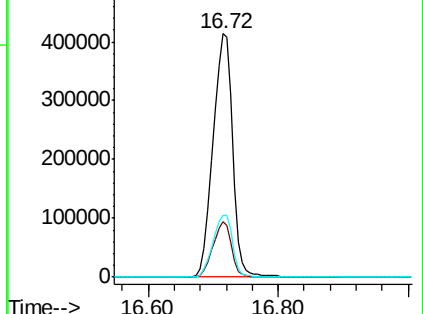
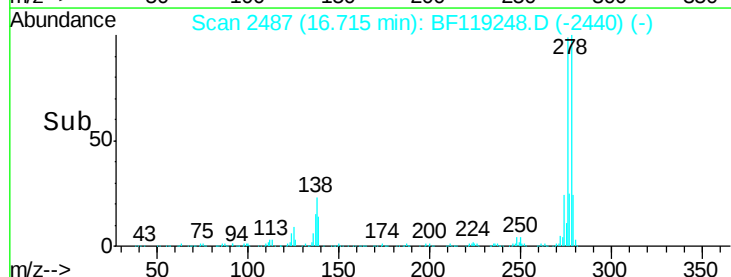
277 25.6 20.3 30.5

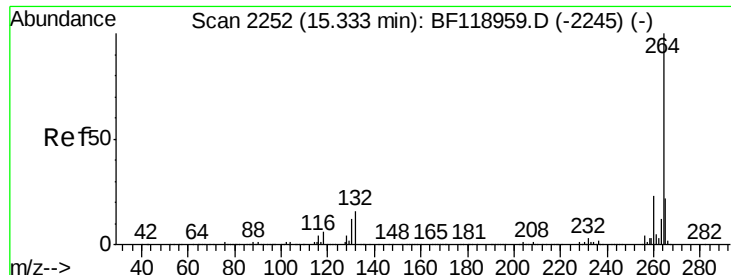


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



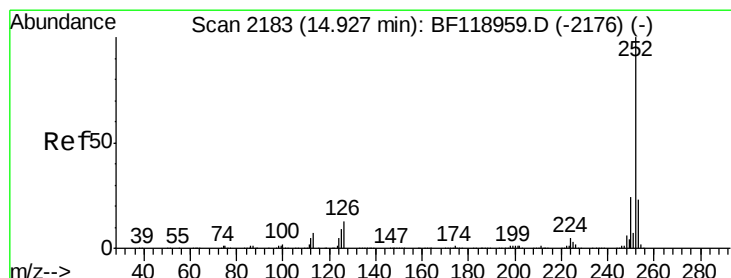
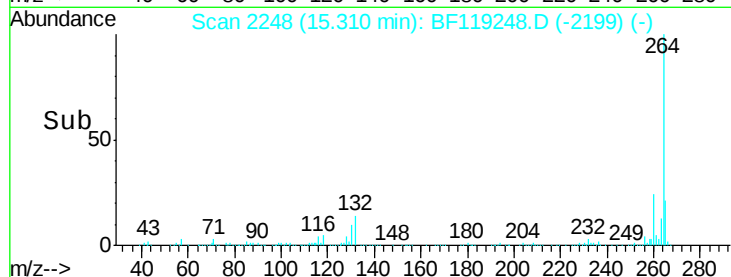
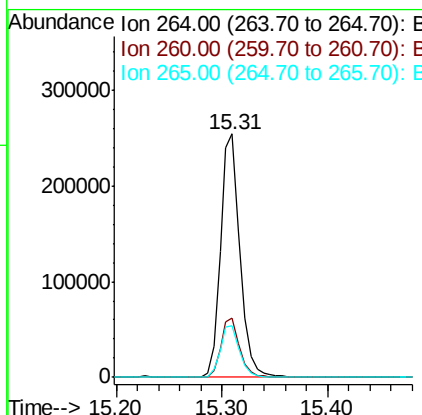
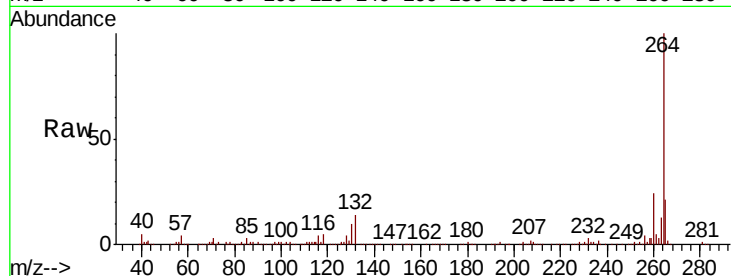


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 326099

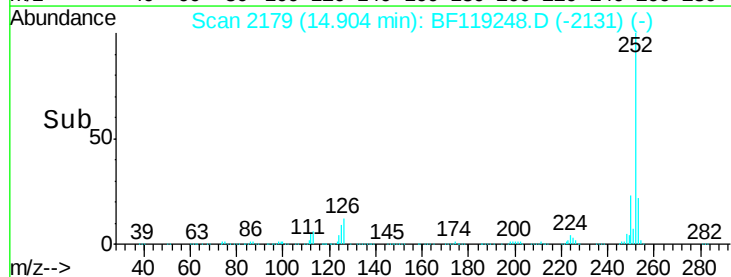
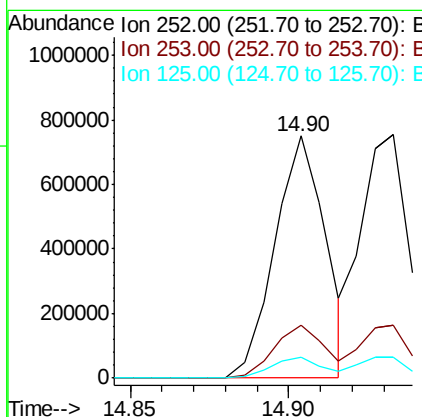
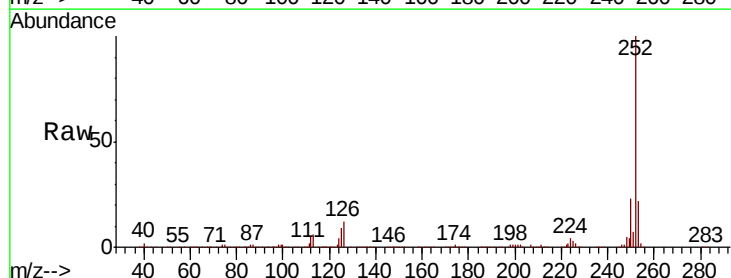
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.7	26.5

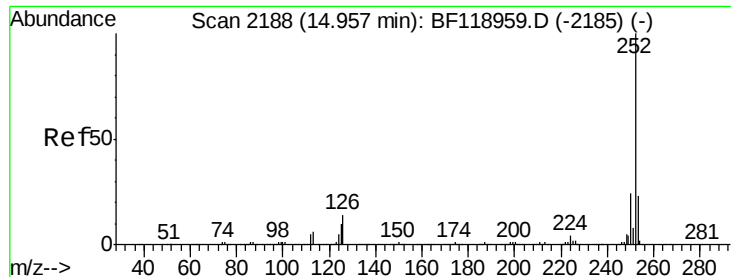


#88
Benzo(b)fluoranthene
Concen: 38.904 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:252 Resp: 836239

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.5	7.4	11.0

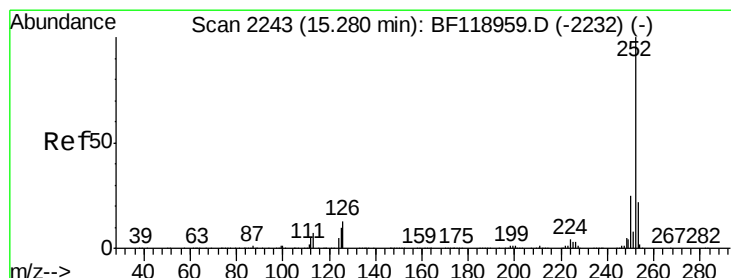
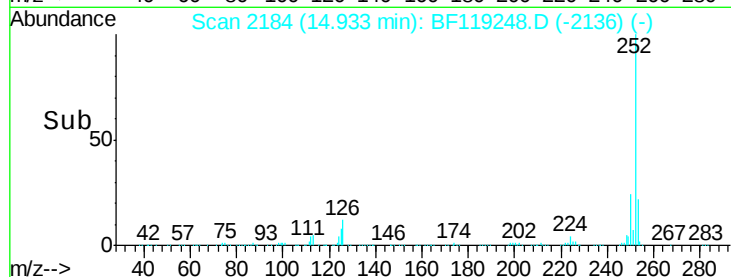
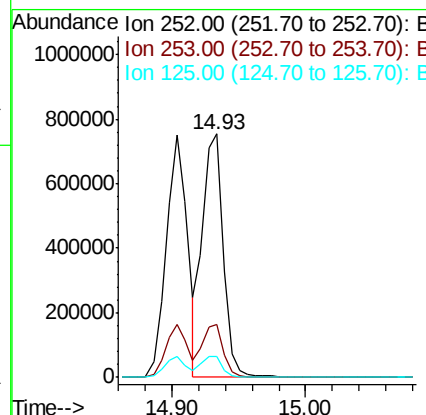
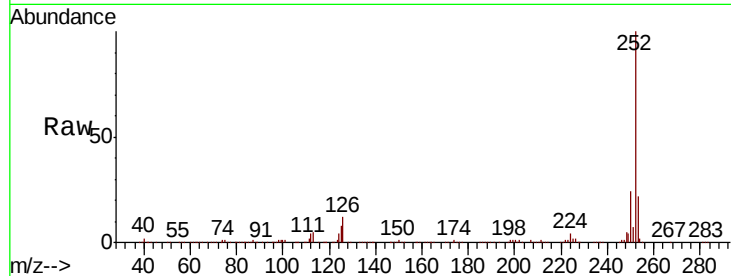




#89
Benzo(k)fluoranthene
Concen: 40.503 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

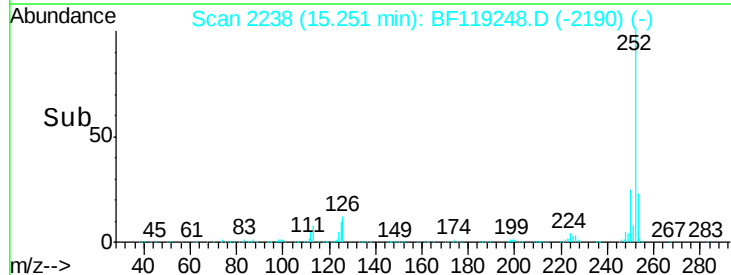
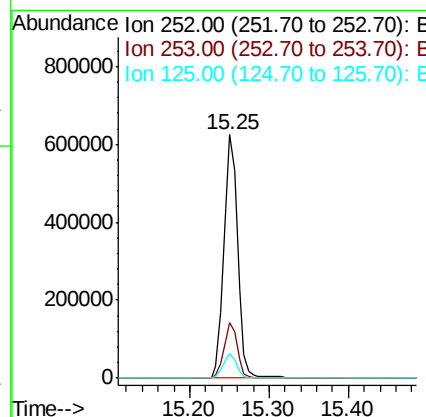
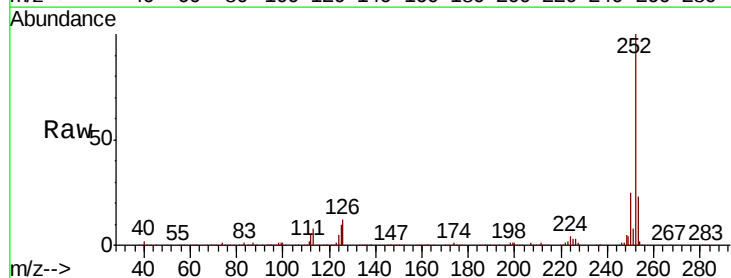
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 806793
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 38.866 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:252 Resp: 753987
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.0 8.6 12.8

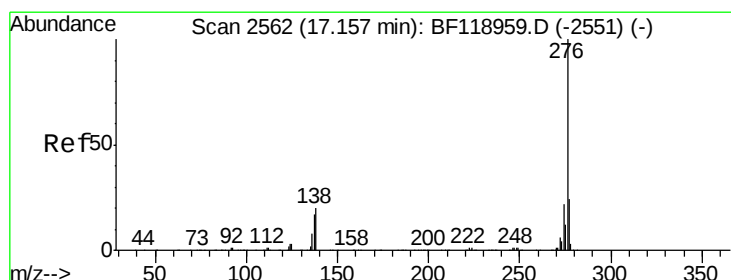
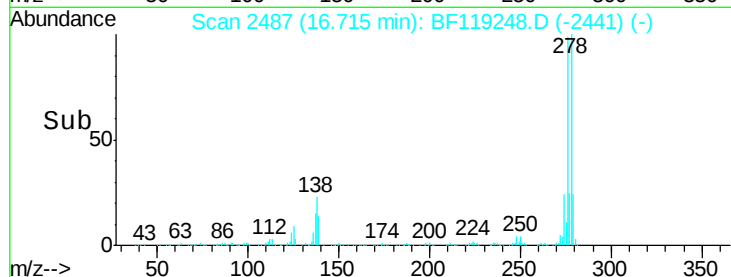
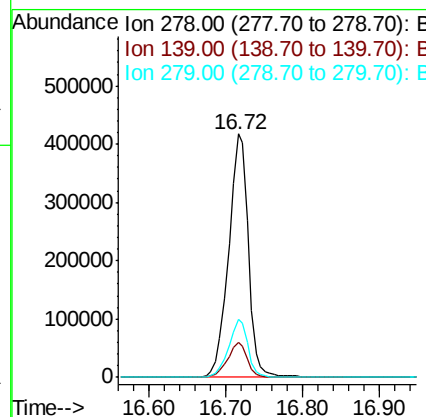
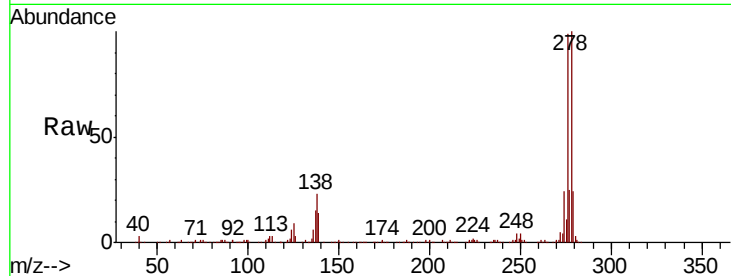




#91
Dibenzo(a,h)anthracene
Concen: 43.552 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.03 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 743410
Ion Ratio Lower Upper
278 100
139 14.5 11.0 16.4
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 40.594 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.02 min
Lab File: BF119248.D
Acq: 6 Mar 2020 9:42

Tgt Ion:276 Resp: 684638
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 18.4 14.3 21.5

